

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

08/11/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	57.04	52.05	44.52	39.14	38.45	42.56	53.50	50.98	50.79	53.59	65.35	73.55	89.36	68.47	88.11	79.22	68.26	83.86	84.77	91.85	70.00	80.58	64.19	51.67
24138	1.35	1.47	1.27	1.09	1.11	1.16	1.18	1.48	1.75	1.76	2.11	1.91	2.24	2.38	3.32	4.09	4.38	5.13	4.63	4.19	2.29	1.61	0.73	1.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	57.10	52.09	44.59	39.21	38.51	42.61	53.54	50.97	50.74	53.54	65.32	73.58	89.45	68.53	88.22	79.26	68.25	83.88	84.86	92.06	70.18	80.86	64.44	51.84
24260	1.41	1.51	1.33	1.16	1.17	1.20	1.23	1.47	1.70	1.70	2.08	1.94	2.33	2.45	3.43	4.13	4.37	5.14	4.72	4.40	2.47	1.89	0.97	1.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	57.10	52.09	44.59	39.21	38.51	42.61	53.54	50.97	50.74	53.54	65.32	73.58	89.45	68.53	88.22	79.26	68.25	83.88	84.86	92.06	70.18	80.86	64.44	51.84
24261	1.41	1.51	1.33	1.16	1.17	1.20	1.23	1.47	1.70	1.70	2.08	1.94	2.33	2.45	3.43	4.13	4.37	5.14	4.72	4.40	2.47	1.89	0.97	1.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	58.52	53.04	45.42	40.02	39.32	43.53	54.82	51.78	51.01	53.56	65.30	73.64	90.07	68.82	88.69	79.07	67.64	84.10	86.11	94.40	72.31	84.01	66.82	53.03
24011	2.83	2.45	2.17	1.98	1.98	2.13	2.50	2.28	1.97	1.73	2.07	2.00	2.95	2.73	3.90	3.94	3.76	5.36	5.97	6.75	4.60	5.04	3.35	2.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	58.89	53.28	45.58	40.21	39.53	43.73	55.05	52.03	51.22	53.78	65.60	74.10	90.81	69.49	89.65	79.85	68.30	84.96	87.06	95.23	72.78	84.57	67.20	53.30
23798	3.20	2.70	2.33	2.16	2.18	2.32	2.74	2.53	2.18	1.95	2.36	2.46	3.68	3.41	4.86	4.72	4.41	6.22	6.92	7.58	5.07	5.60	3.73	2.73
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	58.52	53.04	45.42	40.02	39.32	43.53	54.82	51.78	51.01	53.56</														

ALBANY___2 23572	56.53 0.84 0.00	51.56 0.98 0.00	44.26 1.00 0.00	38.95 0.90 0.00	38.24 0.89 0.00	42.32 0.91 0.00	53.27 0.96 0.00	50.25 0.75 0.00	49.55 0.51 0.00	52.12 0.29 0.00	63.44 0.21 0.00	71.49 -0.15 0.00	86.92 -0.20 0.00	65.33 -0.76 0.00	83.85 -0.94 0.00	74.85 -0.28 0.00	63.76 -0.13 0.00	78.24 -0.50 0.00	79.68 -0.46 0.00	86.87 -0.79 0.00	66.80 -0.91 0.00	77.73 -1.24 0.00	62.19 -1.28 0.00	49.70 -0.88 0.00
ALBANY___3 23573	56.53 0.84 0.00	51.56 0.98 0.00	44.26 1.00 0.00	38.95 0.90 0.00	38.24 0.89 0.00	42.32 0.91 0.00	53.27 0.96 0.00	50.25 0.75 0.00	49.55 0.51 0.00	52.12 0.29 0.00	63.44 0.21 0.00	71.49 -0.15 0.00	86.92 -0.20 0.00	65.33 -0.76 0.00	83.85 -0.94 0.00	74.85 -0.28 0.00	63.76 -0.13 0.00	78.24 -0.50 0.00	79.68 -0.46 0.00	86.87 -0.79 0.00	66.80 -0.91 0.00	77.73 -1.24 0.00	62.19 -1.28 0.00	49.70 -0.88 0.00
ALBANY___4 23574	56.53 0.84 0.00	51.56 0.98 0.00	44.26 1.00 0.00	38.95 0.90 0.00	38.24 0.89 0.00	42.32 0.91 0.00	53.27 0.96 0.00	50.25 0.75 0.00	49.55 0.51 0.00	52.12 0.29 0.00	63.44 0.21 0.00	71.49 -0.15 0.00	86.92 -0.20 0.00	65.33 -0.76 0.00	83.85 -0.94 0.00	74.85 -0.28 0.00	63.76 -0.13 0.00	78.24 -0.50 0.00	79.68 -0.46 0.00	86.87 -0.79 0.00	66.80 -0.91 0.00	77.73 -1.24 0.00	62.19 -1.28 0.00	49.70 -0.88 0.00
ALBANY___LFGE 323615	56.97 1.28 0.00	51.94 1.36 0.00	44.56 1.30 0.00	39.22 1.17 0.00	38.50 1.16 0.00	42.63 1.22 0.00	53.66 1.34 0.00	50.65 1.15 0.00	49.96 0.92 0.00	52.58 0.74 0.00	64.03 0.79 0.00	72.23 0.59 0.00	87.90 0.78 0.00	66.26 0.18 0.00	85.17 0.38 0.00	76.05 0.92 0.00	64.81 0.93 0.00	79.66 0.92 0.00	81.17 1.04 0.00	88.48 0.82 0.00	68.01 0.30 0.00	79.08 0.11 0.00	63.20 -0.27 0.00	50.46 -0.11 0.00
ALCOA_PA_115KV_PL-6C 55860	78.24 1.41 -21.15	51.66 1.09 0.00	44.20 0.94 0.00	38.92 0.88 0.00	38.17 0.83 0.00	42.39 0.98 0.00	53.71 1.39 0.00	50.90 1.40 0.00	50.40 1.36 0.00	53.32 1.49 0.00	64.97 1.73 0.00	73.51 1.87 0.00	89.02 1.90 0.00	67.10 1.02 0.00	85.37 0.58 0.00	75.10 -0.03 0.00	63.45 -0.43 0.00	78.14 -0.59 0.00	79.38 -0.76 0.00	86.90 -0.76 0.00	67.51 -0.21 0.00	79.42 0.45 0.00	147.65 1.38 -82.80	115.36 1.08 -63.70
ALCOA_RYNLDS___DRP 24188	78.24 1.41 -21.15	51.66 1.09 0.00	44.20 0.94 0.00	38.92 0.88 0.00	38.17 0.83 0.00	42.39 0.98 0.00	53.71 1.39 0.00	50.90 1.40 0.00	50.40 1.36 0.00	53.32 1.49 0.00	64.97 1.73 0.00	73.51 1.87 0.00	89.02 1.90 0.00	67.10 1.02 0.00	85.37 0.58 0.00	75.10 -0.03 0.00	63.45 -0.43 0.00	78.14 -0.59 0.00	79.38 -0.76 0.00	86.90 -0.76 0.00	67.51 -0.21 0.00	79.42 0.45 0.00	147.65 1.38 -82.80	115.36 1.08 -63.70
ALCOA___DSASP 323711	78.24 1.41 -21.15	51.67 1.08 0.00	44.20 0.95 0.00	38.92 0.88 0.00	38.17 0.83 0.00	42.39 0.98 0.00	53.71 1.39 0.00	50.90 1.40 0.00	50.40 1.36 0.00	53.32 1.49 0.00	64.97 1.73 0.00	73.51 1.87 0.00	89.02 1.90 0.00	67.10 1.02 0.00	85.37 0.58 0.00	75.10 -0.03 0.00	63.45 -0.43 0.00	78.15 -0.59 0.00	79.38 -0.76 0.00	86.90 -0.76 0.00	67.51 -0.20 0.00	79.42 0.45 0.00	147.64 1.38 -82.80	115.36 1.08 -63.70
ALLEGHENY___COGEN 23514	57.16 1.47 0.00	51.03 0.45 0.00	42.86 -0.40 0.00	37.56 -0.49 0.00	36.88 -0.46 0.00	41.17 -0.24 0.00	52.78 0.47 0.00	50.07 0.57 0.00	49.59 0.55 0.00	52.82 0.99 0.00	64.78 1.54 0.00	73.35 1.70 0.00	88.29 0.12 -1.05	86.61 -2.50 -23.02	95.47 -3.39 -14.07	74.59 -2.26 -1.72	62.02 -1.87 0.00	76.50 -2.24 0.00	78.75 -1.39 0.00	89.21 1.56 0.00	70.26 2.55 0.00	79.94 0.97 0.00	69.53 6.07 0.00	54.23 3.65 0.00
ALTAMONT_115KV_TB 2 55880	56.22 0.52 0.00	51.28 0.70 0.00	43.99 0.73 0.00	38.70 0.65 0.00	37.98 0.64 0.00	42.06 0.66 0.00	52.98 0.66 0.00	49.99 0.49 0.00	49.33 0.29 0.00	51.91 0.07 0.00	63.24 0.00 0.00	71.37 -0.27 0.00	86.83 -0.30 0.00	65.86 -0.22 0.00	84.60 -0.19 0.00	75.41 0.28 0.00	64.37 0.49 0.00	79.34 0.61 0.00	80.84 0.70 0.00	88.27 0.61 0.00	67.93 0.22 0.00	79.01 0.05 0.00	63.25 -0.22 0.00	50.52 -0.06 0.00
ALTONA_WT_PWR 323606	57.35 0.73 -0.92	51.26 0.68 0.00	43.74 0.48 0.00	38.52 0.47 0.00	37.77 0.43 0.00	41.83 0.42 0.00	52.89 0.57 0.00	50.30 0.80 0.00	49.83 0.78 0.00	52.82 0.99 0.00	64.36 1.13 0.00	72.97 1.33 0.00	88.75 1.63 0.00	66.85 0.77 0.00	85.75 0.96 0.00	75.14 0.02 0.00	63.80 -0.09 0.00	78.65 -0.09 0.00	79.92 -0.21 0.00	87.44 -0.22 0.00	67.90 0.19 0.00	79.58 0.61 0.00	48.75 0.60 15.31	50.39 0.29 0.48
AMERICAN_REF_FUEL 24010	55.75 0.05 0.00	49.69 -0.89 0.00	41.49 -1.77 0.00	36.29 -1.75 0.00	35.59 -1.75 0.00	39.78 -1.63 0.00	51.01 -1.31 0.00	48.39 -1.11 0.00	49.17 0.12 0.00	53.38 1.54 0.00	65.47 2.23 0.00	76.13 4.49 0.00	93.89 5.87 -0.90	89.01 3.09 -19.83	100.46 3.55 -12.12	79.93 3.32 -1.48	65.00 1.12 0.00	79.94 1.21 0.00	82.34 2.21 0.00	92.37 4.72 0.00	71.53 3.82 0.00	82.07 3.10 0.00	66.75 3.28 0.00	53.17 2.59 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	55.67 -0.02 0.00	49.57 -1.01 0.00	41.28 -1.98 0.00	36.09 -1.95 0.00	35.56 -1.78 0.00	39.87 -1.54 0.00	51.44 -0.88 0.00	49.41 -0.09 0.00	50.27 1.23 0.00	54.60 2.77 0.00	67.47 4.24 0.00	78.51 6.87 0.00	96.16 8.31 -0.73	87.64 5.56 -16.00	101.53 6.96 -9.78	82.48 6.15 -1.20	67.98 4.10 0.00	83.62 4.88 0.00	86.28 6.15 0.00	96.94 9.28 0.00	74.42 6.71 0.00	84.88 5.91 0.00	68.73 5.27 0.00	53.86 3.29 0.00
ARTHUR KILL_GT_1 23520	54.04 0.41 2.07	51.33 0.74 0.00	44.13 0.88 0.00	38.78 0.74 0.00	38.08 0.74 0.00	42.13 0.72 0.00	52.55 0.31 0.08	48.72 0.68 1.46	49.55 0.88 0.37	50.58 0.69 1.94	51.77 0.56 12.03	60.62 0.17 11.18	84.26 0.30 3.16	55.80 0.96 11.25	75.15 1.42 11.06	74.35 2.53 3.31	62.61 3.19 4.46	81.50 3.59 0.82	83.43 3.29 0.00	90.79 3.14 0.00	68.77 1.30 0.25	79.00 0.50 0.46	63.22 -0.07 0.18	51.27 0.69 0.00
ARTHUR_KILL_2 23512	53.83 0.21 2.07	51.14 0.56 0.00	43.97 0.72 0.00	38.66 0.61 0.00	37.97 0.62 0.00	42.00 0.60 0.00	52.39 0.15 0.08	48.57 0.53 1.46	49.37 0.71 0.38	50.40 0.51 1.94	51.55 0.34 12.03	60.35 -0.11 11.18	83.91 -0.05 3.16	55.55 0.71 11.25	74.79 1.06 11.06	74.04 2.21 3.31	62.32 2.90 4.46	81.13 3.22 0.82	83.04 2.90 0.00	90.35 2.70 0.00	68.41 0.95 0.25	78.62 0.12 0.47	62.92 -0.36 0.18	51.05 0.48 0.00
ARTHUR_KILL_3 23513	54.11 0.48 2.06	51.30 0.72 0.00	43.93 0.68 0.00	38.65 0.60 0.00	37.96 0.62 0.00	42.00 0.59 0.00	52.61 0.37 0.08	48.71 0.67 1.46	49.57 0.90 0.37	51.19 0.80 1.45	52.11 0.89 12.02	60.97 0.51 11.18	84.54 0.58 3.16	55.97 1.13 11.24	75.40 1.68 11.07	74.39 2.57 3.31	62.52 3.10 4.47	81.47 3.57 0.83	83.30 3.16 0.00	90.35 2.69 0.00	68.62 1.16 0.25	78.79 0.33 0.50	62.97 -0.26 0.24	50.97 0.40 0.00

ARTHUR_KILL_COGEN 323718	54.03 0.41 2.07	51.32 0.74 0.00	44.13 0.87 0.00	38.78 0.74 0.00	38.09 0.75 0.00	42.13 0.73 0.00	52.56 0.32 0.08	48.72 0.68 1.46	49.55 0.88 0.38	50.58 0.69 1.94	51.77 0.56 12.03	60.62 0.16 11.18	84.26 0.30 3.16	55.80 0.96 11.25	75.13 1.40 11.06	74.34 2.52 3.31	62.62 3.19 4.46	81.50 3.59 0.82	83.42 3.28 0.00	90.79 3.13 0.00	68.75 1.28 0.25	79.01 0.51 0.47	63.21 -0.07 0.18	51.27 0.70 0.00
ASHOKAN____ 23654	56.95 1.26 0.00	51.86 1.28 0.00	44.35 1.10 0.00	38.97 0.92 0.00	38.24 0.90 0.00	42.36 0.96 0.00	53.49 1.17 0.00	50.67 1.17 0.00	49.95 0.91 0.00	52.45 0.61 0.00	64.38 1.14 0.00	71.91 0.28 0.00	87.58 0.46 0.00	66.76 0.68 0.00	86.06 1.27 0.00	77.18 2.06 0.00	66.34 2.46 0.00	82.09 3.36 0.00	83.98 3.84 0.00	91.80 4.15 0.00	70.27 2.56 0.00	81.17 2.20 0.00	64.55 1.08 0.00	51.44 0.86 0.00
ASTORIA_EAST_ENERGY_CC1 323581	56.45 0.76 0.00	51.52 0.94 0.00	44.19 0.94 0.00	38.88 0.84 0.00	38.18 0.83 0.00	42.16 0.75 0.00	52.99 0.67 0.00	50.50 1.00 0.00	50.26 1.22 0.00	52.88 1.05 0.00	64.19 0.95 0.00	72.18 0.54 0.00	87.78 0.66 0.00	67.34 1.26 0.00	86.48 1.69 0.00	77.74 2.55 -0.06	66.96 3.08 0.00	82.24 3.51 0.00	83.26 2.97 -0.14	90.75 2.66 -0.43	68.79 1.05 -0.03	79.27 0.30 0.00	63.20 -0.26 0.00	51.14 0.57 0.00
ASTORIA_EAST_ENERGY_CC2 323582	56.45 0.76 0.00	51.52 0.94 0.00	44.19 0.94 0.00	38.88 0.84 0.00	38.18 0.83 0.00	42.16 0.75 0.00	52.99 0.67 0.00	50.50 1.00 0.00	50.26 1.22 0.00	52.88 1.05 0.00	64.19 0.95 0.00	72.18 0.54 0.00	87.78 0.66 0.00	67.34 1.26 0.00	86.48 1.69 0.00	77.74 2.55 -0.06	66.96 3.08 0.00	82.24 3.51 0.00	83.26 2.97 -0.14	90.75 2.66 -0.43	68.79 1.05 -0.03	79.27 0.30 0.00	63.20 -0.26 0.00	51.14 0.57 0.00
ASTORIA_GT2_1 24094	56.48 0.79 0.00	51.55 0.97 0.00	44.22 0.96 0.00	38.91 0.86 0.00	38.19 0.84 0.00	42.18 0.77 0.00	53.00 0.68 0.00	50.52 1.02 0.00	50.28 1.24 0.00	52.90 1.06 0.00	64.22 0.98 0.00	72.24 0.60 0.00	87.84 0.72 0.00	67.39 1.31 0.00	86.55 1.76 0.00	77.81 2.61 -0.06	66.99 3.11 0.00	82.28 3.54 0.00	83.31 3.03 -0.14	90.82 2.73 -0.43	68.83 1.09 -0.03	79.32 0.35 0.00	63.24 -0.23 0.00	51.18 0.60 0.00
ASTORIA_GT2_2 24095	56.48 0.79 0.00	51.55 0.97 0.00	44.22 0.96 0.00	38.91 0.86 0.00	38.19 0.84 0.00	42.18 0.77 0.00	53.00 0.68 0.00	50.52 1.02 0.00	50.28 1.24 0.00	52.90 1.06 0.00	64.22 0.98 0.00	72.24 0.60 0.00	87.84 0.72 0.00	67.39 1.31 0.00	86.55 1.76 0.00	77.81 2.61 -0.06	66.99 3.11 0.00	82.28 3.54 0.00	83.31 3.03 -0.14	90.82 2.73 -0.43	68.83 1.09 -0.03	79.32 0.35 0.00	63.24 -0.23 0.00	51.18 0.60 0.00
ASTORIA_GT2_3 24096	56.48 0.79 0.00	51.55 0.97 0.00	44.22 0.96 0.00	38.91 0.86 0.00	38.19 0.84 0.00	42.18 0.77 0.00	53.00 0.68 0.00	50.52 1.02 0.00	50.28 1.24 0.00	52.90 1.06 0.00	64.22 0.98 0.00	72.24 0.60 0.00	87.84 0.72 0.00	67.39 1.31 0.00	86.55 1.76 0.00	77.81 2.61 -0.06	66.99 3.11 0.00	82.28 3.54 0.00	83.31 3.03 -0.14	90.82 2.73 -0.43	68.83 1.09 -0.03	79.32 0.35 0.00	63.24 -0.23 0.00	51.18 0.60 0.00
ASTORIA_GT2_4 24097	56.48 0.79 0.00	51.55 0.97 0.00	44.22 0.96 0.00	38.91 0.86 0.00	38.19 0.84 0.00	42.18 0.77 0.00	53.00 0.68 0.00	50.52 1.02 0.00	50.28 1.24 0.00	52.90 1.06 0.00	64.22 0.98 0.00	72.24 0.60 0.00	87.84 0.72 0.00	67.39 1.31 0.00	86.55 1.76 0.00	77.81 2.61 -0.06	66.99 3.11 0.00	82.28 3.54 0.00	83.31 3.03 -0.14	90.82 2.73 -0.43	68.83 1.09 -0.03	79.32 0.35 0.00	63.24 -0.23 0.00	51.18 0.60 0.00
ASTORIA_GT3_1 24098	56.48 0.79 0.00	51.55 0.97 0.00	44.22 0.96 0.00	38.91 0.86 0.00	38.19 0.84 0.00	42.18 0.77 0.00	53.00 0.68 0.00	50.52 1.02 0.00	50.28 1.24 0.00	52.90 1.06 0.00	64.22 0.98 0.00	72.24 0.60 0.00	87.84 0.72 0.00	67.39 1.31 0.00	86.55 1.76 0.00	77.81 2.61 -0.06	66.99 3.11 0.00	82.28 3.54 0.00	83.31 3.03 -0.14	90.82 2.73 -0.43	68.83 1.09 -0.03	79.32 0.35 0.00	63.24 -0.23 0.00	51.18 0.60 0.00
ASTORIA_GT3_2 24099	56.48 0.79 0.00	51.55 0.97 0.00	44.22 0.96 0.00	38.91 0.86 0.00	38.19 0.84 0.00	42.18 0.77 0.00	53.00 0.68 0.00	50.52 1.02 0.00	50.28 1.24 0.00	52.90 1.06 0.00	64.22 0.98 0.00	72.24 0.60 0.00	87.84 0.72 0.00	67.39 1.31 0.00	86.55 1.76 0.00	77.81 2.61 -0.06	66.99 3.11 0.00	82.28 3.54 0.00	83.31 3.03 -0.14	90.82 2.73 -0.43	68.83 1.09 -0.03	79.32 0.35 0.00	63.24 -0.23 0.00	51.18 0.60 0.00
ASTORIA_GT3_3 24100	56.48 0.79 0.00	51.55 0.97 0.00	44.22 0.96 0.00	38.91 0.86 0.00	38.19 0.84 0.00	42.18 0.77 0.00	53.00 0.68 0.00	50.52 1.02 0.00	50.28 1.24 0.00	52.90 1.06 0.00	64.22 0.98 0.00	72.24 0.60 0.00	87.84 0.72 0.00	67.39 1.31 0.00	86.55 1.76 0.00	77.81 2.61 -0.06	66.99 3.11 0.00	82.28 3.54 0.00	83.31 3.03 -0.14	90.82 2.73 -0.43	68.83 1.09 -0.03	79.32 0.35 0.00	63.24 -0.23 0.00	51.18 0.60 0.00
ASTORIA_GT3_4 24101	56.48 0.79 0.00	51.55 0.97 0.00	44.22 0.96 0.00	38.91 0.86 0.00	38.19 0.84 0.00	42.18 0.77 0.00	53.00 0.68 0.00	50.52 1.02 0.00	50.28 1.24 0.00	52.90 1.06 0.00	64.22 0.98 0.00	72.24 0.60 0.00	87.84 0.72 0.00	67.39 1.31 0.00	86.55 1.76 0.00	77.81 2.61 -0.06	66.99 3.11 0.00	82.28 3.54 0.00	83.31 3.03 -0.14	90.82 2.73 -0.43	68.83 1.09 -0.03	79.32 0.35 0.00	63.24 -0.23 0.00	51.18 0.60 0.00
ASTORIA_GT4_1 24102	56.48 0.79 0.00	51.55 0.97 0.00	44.22 0.96 0.00	38.91 0.86 0.00	38.19 0.84 0.00	42.18 0.77 0.00	53.00 0.68 0.00	50.52 1.02 0.00	50.28 1.24 0.00	52.90 1.06 0.00	64.22 0.98 0.00	72.24 0.60 0.00	87.84 0.72 0.00	67.39 1.31 0.00	86.55 1.76 0.00	77.81 2.61 -0.06	66.99 3.11 0.00	82.28 3.54 0.00	83.31 3.03 -0.14	90.82 2.73 -0.43	68.83 1.09 -0.03	79.32 0.35 0.00	63.24 -0.23 0.00	51.18 0.60 0.00
ASTORIA_GT4_2 24103	56.48 0.79 0.00	51.55 0.97 0.00	44.22 0.96 0.00	38.91 0.86 0.00	38.19 0.84 0.00	42.18 0.77 0.00	53.00 0.68 0.00	50.52 1.02 0.00	50.28 1.24 0.00	52.90 1.06 0.00	64.22 0.98 0.00	72.24 0.60 0.00	87.84 0.72 0.00	67.39 1.31 0.00	86.55 1.76 0.00	77.81 2.61 -0.06	66.99 3.11 0.00	82.28 3.54 0.00	83.31 3.03 -0.14	90.82 2.73 -0.43	68.83 1.09 -0.03	79.32 0.35 0.00	63.24 -0.23 0.00	51.18 0.60 0.00
ASTORIA_GT4_3 24104	56.48 0.79 0.00	51.55 0.97 0.00	44.22 0.96 0.00	38.91 0.86 0.00	38.19 0.84 0.00	42.18 0.77 0.00	53.00 0.68 0.00	50.52 1.02 0.00	50.28 1.24 0.00	52.90 1.06 0.00	64.22 0.98 0.00	72.24 0.60 0.00	87.84 0.72 0.00	67.39 1.31 0.00	86.55 1.76 0.00	77.81 2.61 -0.06	66.99 3.11 0.00	82.28 3.54 0.00	83.31 3.03 -0.14	90.82 2.73 -0.43	68.83 1.09 -0.03	79.32 0.35 0.00	63.24 -0.23 0.00	51.18 0.60 0.00

ASTORIA_GT4_4 24105	56.48 0.79 0.00	51.55 0.97 0.00	44.22 0.96 0.00	38.91 0.86 0.00	38.19 0.84 0.00	42.18 0.77 0.00	53.00 0.68 0.00	50.52 1.02 0.00	50.28 1.24 0.00	52.90 1.06 0.00	64.22 0.98 0.00	72.24 0.60 0.00	87.84 0.72 0.00	67.39 1.31 0.00	86.55 1.76 0.00	77.81 2.61 -0.06	66.99 3.11 0.00	82.28 3.54 0.00	83.31 3.03 -0.14	90.82 2.73 -0.43	68.83 1.09 -0.03	79.32 0.35 0.00	63.24 -0.23 0.00	51.18 0.60 0.00
ASTORIA_GT_1 23523	56.61 0.92 0.00	51.66 1.09 0.00	44.30 1.05 0.00	38.99 0.94 0.00	38.27 0.92 0.00	42.26 0.86 0.00	53.14 0.82 0.00	50.64 1.14 0.00	50.41 1.37 0.00	53.04 1.21 0.00	64.40 1.16 0.00	72.45 0.81 0.00	88.11 0.99 0.00	67.59 1.50 0.00	86.80 2.01 0.00	78.03 2.84 -0.06	67.16 3.28 0.00	82.48 3.75 0.00	83.53 3.25 -0.14	91.04 2.96 -0.43	69.01 1.26 -0.03	79.51 0.54 0.00	63.38 -0.09 0.00	51.28 0.70 0.00
ASTORIA_GT_10 24110	56.43 0.74 0.00	51.53 0.95 0.00	44.15 0.90 0.00	38.82 0.78 0.00	38.12 0.78 0.00	42.17 0.77 0.00	52.94 0.63 0.00	50.48 0.98 0.00	50.22 1.19 0.00	52.90 1.07 0.00	64.28 1.04 0.00	72.29 0.66 0.00	87.94 0.82 0.00	67.45 1.36 0.00	86.72 1.94 0.00	77.96 2.84 0.00	67.24 3.36 0.00	82.56 3.82 0.00	83.44 3.31 0.00	90.56 2.90 0.00	68.96 1.25 0.00	79.43 0.46 0.00	63.29 -0.17 0.00	51.11 0.53 0.00
ASTORIA_GT_11 24225	56.43 0.74 0.00	51.53 0.95 0.00	44.15 0.90 0.00	38.82 0.78 0.00	38.12 0.78 0.00	42.17 0.77 0.00	52.94 0.63 0.00	50.48 0.98 0.00	50.22 1.19 0.00	52.90 1.07 0.00	64.28 1.04 0.00	72.29 0.66 0.00	87.94 0.82 0.00	67.45 1.36 0.00	86.72 1.94 0.00	77.96 2.84 0.00	67.24 3.36 0.00	82.56 3.82 0.00	83.44 3.31 0.00	90.56 2.90 0.00	68.96 1.25 0.00	79.43 0.46 0.00	63.29 -0.17 0.00	51.11 0.53 0.00
ASTORIA_GT_12 24226	56.43 0.74 0.00	51.53 0.95 0.00	44.15 0.90 0.00	38.82 0.78 0.00	38.12 0.78 0.00	42.17 0.77 0.00	52.94 0.63 0.00	50.48 0.98 0.00	50.22 1.19 0.00	52.90 1.07 0.00	64.28 1.04 0.00	72.29 0.66 0.00	87.94 0.82 0.00	67.45 1.36 0.00	86.72 1.94 0.00	77.96 2.84 0.00	67.24 3.36 0.00	82.56 3.82 0.00	83.44 3.31 0.00	90.56 2.90 0.00	68.96 1.25 0.00	79.43 0.46 0.00	63.29 -0.17 0.00	51.11 0.53 0.00
ASTORIA_GT_13 24227	56.43 0.74 0.00	51.53 0.95 0.00	44.15 0.90 0.00	38.82 0.78 0.00	38.12 0.78 0.00	42.17 0.77 0.00	52.94 0.63 0.00	50.48 0.98 0.00	50.22 1.19 0.00	52.90 1.07 0.00	64.28 1.04 0.00	72.29 0.66 0.00	87.94 0.82 0.00	67.45 1.36 0.00	86.72 1.94 0.00	77.96 2.84 0.00	67.24 3.36 0.00	82.56 3.82 0.00	83.44 3.31 0.00	90.56 2.90 0.00	68.96 1.25 0.00	79.43 0.46 0.00	63.29 -0.17 0.00	51.11 0.53 0.00
ASTORIA_GT_5 24106	56.61 0.92 0.00	51.66 1.09 0.00	44.30 1.05 0.00	38.99 0.94 0.00	38.27 0.92 0.00	42.26 0.86 0.00	53.14 0.82 0.00	50.64 1.14 0.00	50.41 1.37 0.00	53.04 1.21 0.00	64.40 1.16 0.00	72.45 0.81 0.00	88.11 0.99 0.00	67.59 1.50 0.00	86.80 2.01 0.00	78.03 2.84 -0.06	67.16 3.28 0.00	82.48 3.75 0.00	83.53 3.25 -0.14	91.04 2.96 -0.43	69.01 1.26 -0.03	79.51 0.54 0.00	63.38 -0.09 0.00	51.28 0.70 0.00
ASTORIA_GT_7 24107	56.61 0.92 0.00	51.66 1.09 0.00	44.30 1.05 0.00	38.99 0.94 0.00	38.27 0.92 0.00	42.26 0.86 0.00	53.14 0.82 0.00	50.64 1.14 0.00	50.41 1.37 0.00	53.04 1.21 0.00	64.40 1.16 0.00	72.45 0.81 0.00	88.11 0.99 0.00	67.59 1.50 0.00	86.80 2.01 0.00	78.03 2.84 -0.06	67.16 3.28 0.00	82.48 3.75 0.00	83.53 3.25 -0.14	91.04 2.96 -0.43	69.01 1.26 -0.03	79.51 0.54 0.00	63.38 -0.09 0.00	51.28 0.70 0.00
ASTORIA_GT_8 24108	56.61 0.92 0.00	51.66 1.09 0.00	44.30 1.05 0.00	38.99 0.94 0.00	38.27 0.92 0.00	42.26 0.86 0.00	53.14 0.82 0.00	50.64 1.14 0.00	50.41 1.37 0.00	53.04 1.21 0.00	64.40 1.16 0.00	72.45 0.81 0.00	88.11 0.99 0.00	67.59 1.50 0.00	86.80 2.01 0.00	78.03 2.84 -0.06	67.16 3.28 0.00	82.48 3.75 0.00	83.53 3.25 -0.14	91.04 2.96 -0.43	69.01 1.26 -0.03	79.51 0.54 0.00	63.38 -0.09 0.00	51.28 0.70 0.00
ASTORIA___2 24149	56.49 0.79 0.00	51.55 0.97 0.00	44.21 0.96 0.00	38.91 0.86 0.00	38.19 0.85 0.00	42.18 0.77 0.00	53.00 0.68 0.00	50.52 1.02 0.00	50.28 1.24 0.00	52.90 1.06 0.00	64.22 0.99 0.00	72.23 0.59 0.00	87.84 0.72 0.00	67.38 1.30 0.00	86.53 1.74 0.00	77.79 2.60 -0.06	67.00 3.12 0.00	82.28 3.54 0.00	83.30 3.01 -0.14	90.80 2.71 -0.43	68.82 1.08 -0.03	79.32 0.35 0.00	63.23 -0.23 0.00	51.18 0.61 0.00
ASTORIA___3 23516	56.48 0.79 0.00	51.55 0.97 0.00	44.21 0.96 0.00	38.91 0.86 0.00	38.19 0.85 0.00	42.18 0.77 0.00	53.00 0.68 0.00	50.52 1.02 0.00	50.28 1.24 0.00	52.90 1.06 0.00	64.21 0.98 0.00	72.23 0.59 0.00	87.84 0.72 0.00	67.38 1.30 0.00	86.52 1.73 0.00	77.79 2.60 -0.06	67.00 3.12 0.00	82.28 3.54 0.00	83.30 3.01 -0.14	90.80 2.71 -0.43	68.81 1.07 -0.03	79.32 0.35 0.00	63.23 -0.23 0.00	51.18 0.61 0.00
ASTORIA___4 23517	56.48 0.79 0.00	51.55 0.97 0.00	44.21 0.96 0.00	38.91 0.86 0.00	38.19 0.84 0.00	42.18 0.77 0.00	53.00 0.68 0.00	50.52 1.02 0.00	50.28 1.24 0.00	52.90 1.06 0.00	64.22 0.98 0.00	72.24 0.60 0.00	87.84 0.72 0.00	67.39 1.31 0.00	86.55 1.76 0.00	77.80 2.61 -0.06	66.99 3.11 0.00	82.28 3.54 0.00	83.31 3.03 -0.14	90.82 2.73 -0.43	68.83 1.09 -0.03	79.32 0.35 0.00	63.24 -0.23 0.00	51.18 0.60 0.00
ASTORIA___5 23518	56.43 0.74 0.00	51.53 0.95 0.00	44.15 0.90 0.00	38.82 0.78 0.00	38.13 0.78 0.00	42.17 0.77 0.00	52.95 0.64 0.00	50.48 0.99 0.00	50.23 1.19 0.00	52.90 1.07 0.00	64.28 1.04 0.00	72.29 0.65 0.00	87.94 0.82 0.00	67.44 1.36 0.00	86.71 1.92 0.00	77.95 2.82 0.00	67.25 3.36 0.00	82.56 3.82 0.00	83.44 3.30 0.00	90.56 2.90 0.00	68.94 1.24 0.00	79.43 0.46 0.00	63.29 -0.17 0.00	51.12 0.54 0.00
AST_ENERGY_2_CC3 323677	56.39 0.70 0.00	51.45 0.87 0.00	44.05 0.80 0.00	38.74 0.69 0.00	38.07 0.72 0.00	42.11 0.70 0.00	52.87 0.55 0.00	50.32 0.82 0.00	50.08 1.04 0.00	52.80 0.97 0.00	64.39 1.15 0.00	72.48 0.84 0.00	88.07 0.95 0.00	67.49 1.40 0.00	86.86 2.08 0.00	78.05 2.92 0.00	67.24 3.35 0.00	82.66 3.92 0.00	83.61 3.47 0.00	90.67 3.02 0.00	69.14 1.43 0.00	79.64 0.67 0.00	63.48 0.02 0.00	51.13 0.55 0.00
AST_ENERGY_2_CC4 323678	56.39 0.70 0.00	51.45 0.87 0.00	44.05 0.80 0.00	38.74 0.69 0.00	38.07 0.72 0.00	42.11 0.70 0.00	52.87 0.55 0.00	50.32 0.82 0.00	50.08 1.04 0.00	52.80 0.97 0.00	64.39 1.15 0.00	72.48 0.84 0.00	88.07 0.95 0.00	67.49 1.40 0.00	86.86 2.08 0.00	78.05 2.92 0.00	67.24 3.35 0.00	82.66 3.92 0.00	83.61 3.47 0.00	90.67 3.02 0.00	69.14 1.43 0.00	79.64 0.67 0.00	63.48 0.02 0.00	51.13 0.55 0.00

ATHENS_STG_1 23668	55.82 0.13 0.00	51.01 0.43 0.00	43.77 0.51 0.00	38.50 0.45 0.00	37.81 0.46 0.00	41.84 0.43 0.00	52.65 0.33 0.00	49.71 0.21 0.00	49.12 0.08 0.00	51.75 -0.08 0.00	63.11 -0.13 0.00	71.23 -0.41 0.00	86.60 -0.52 0.00	65.95 -0.13 0.00	84.78 -0.01 0.00	75.69 0.57 0.00	64.81 0.93 0.00	79.83 1.09 0.00	81.13 0.99 0.00	88.40 0.74 0.00	67.88 0.17 0.00	78.80 -0.16 0.00	63.07 -0.40 0.00	50.47 -0.10 0.00
ATHENS_STG_2 23670	55.82 0.13 0.00	51.01 0.43 0.00	43.77 0.51 0.00	38.50 0.45 0.00	37.81 0.46 0.00	41.84 0.43 0.00	52.65 0.33 0.00	49.71 0.21 0.00	49.12 0.08 0.00	51.75 -0.08 0.00	63.11 -0.13 0.00	71.23 -0.41 0.00	86.60 -0.52 0.00	65.95 -0.13 0.00	84.78 -0.01 0.00	75.69 0.57 0.00	64.81 0.93 0.00	79.83 1.09 0.00	81.13 0.99 0.00	88.40 0.74 0.00	67.88 0.17 0.00	78.80 -0.16 0.00	63.07 -0.40 0.00	50.47 -0.10 0.00
ATHENS_STG_3 23677	55.82 0.13 0.00	51.01 0.43 0.00	43.77 0.51 0.00	38.50 0.45 0.00	37.81 0.46 0.00	41.84 0.43 0.00	52.65 0.33 0.00	49.71 0.21 0.00	49.12 0.08 0.00	51.75 -0.08 0.00	63.11 -0.13 0.00	71.23 -0.41 0.00	86.60 -0.52 0.00	65.95 -0.13 0.00	84.78 -0.01 0.00	75.69 0.57 0.00	64.81 0.93 0.00	79.83 1.09 0.00	81.13 0.99 0.00	88.40 0.74 0.00	67.88 0.17 0.00	78.80 -0.16 0.00	63.07 -0.40 0.00	50.47 -0.10 0.00
AUBURN___LFGE 323710	56.26 0.57 0.00	50.85 0.26 0.00	43.23 -0.03 0.00	37.86 -0.18 0.00	37.27 -0.07 0.00	41.43 0.03 0.00	52.65 0.17 -0.16	49.76 0.26 0.00	49.31 0.27 0.00	52.26 0.43 0.00	63.95 0.71 0.00	72.88 1.25 0.00	88.61 1.49 0.00	67.48 1.40 0.00	86.30 1.51 0.00	76.71 1.58 0.00	65.21 1.32 0.00	80.59 1.85 0.00	83.59 2.69 -0.76	97.74 4.35 -5.74	75.36 3.07 -4.58	87.40 2.73 -5.71	65.97 1.83 -0.67	51.70 1.12 0.00
BABYLON_RES_REC 323704	56.81 1.12 0.00	51.70 1.12 0.00	44.20 0.94 0.00	38.84 0.79 0.00	38.17 0.82 0.00	42.12 0.72 0.00	52.67 0.35 0.00	49.93 0.43 0.00	49.80 0.76 0.00	52.83 0.99 0.00	65.37 2.13 0.00	72.45 0.81 0.00	86.33 -0.47 0.32	66.23 0.15 0.00	86.12 1.05 -0.28	84.00 2.57 -6.30	76.41 3.24 -9.29	89.82 3.47 -7.62	88.08 2.85 -5.09	88.74 1.84 0.76	68.22 0.61 0.10	79.05 0.09 0.00	62.80 -0.66 0.00	51.26 0.68 0.00
BALL_HILL_WT_PWR 323825	56.25 0.55 0.00	50.17 -0.41 0.00	41.89 -1.37 0.00	36.68 -1.36 0.00	36.05 -1.29 0.00	40.26 -1.15 0.00	51.66 -0.65 0.00	49.31 -0.19 0.00	50.01 0.97 0.00	54.17 2.34 0.00	66.63 3.39 0.00	77.38 5.74 0.00	95.11 7.24 -0.75	87.27 4.62 -16.56	100.63 5.72 -10.12	81.54 5.17 -1.24	67.10 3.21 0.00	82.48 3.75 0.00	85.03 4.89 0.00	95.38 7.73 0.00	73.34 5.63 0.00	83.89 4.92 0.00	68.01 4.55 0.00	53.64 3.06 0.00
BARON_WINDS___WT_PWR 323822	54.98 -0.71 0.00	49.40 -1.18 0.00	41.64 -1.62 0.00	36.59 -1.46 0.00	35.90 -1.44 0.00	39.90 -1.50 0.00	51.05 -1.31 -0.04	48.46 -1.04 0.00	48.65 -0.39 0.00	52.22 0.39 0.00	63.97 0.74 0.00	73.62 1.98 0.00	90.15 2.56 -0.48	77.98 1.44 -10.46	93.04 1.87 -6.39	77.81 1.90 -0.78	64.98 1.10 0.00	80.08 1.35 0.00	82.94 2.59 -0.21	94.40 5.17 -1.58	72.63 3.66 -1.26	83.12 2.59 -1.57	65.92 2.27 -0.18	51.88 1.30 0.00
BARRETT_IC_1 23704	56.53 0.83 0.00	51.45 0.87 0.00	44.00 0.74 0.00	38.67 0.63 0.00	38.00 0.65 0.00	41.98 0.57 0.00	52.57 0.25 0.00	49.78 0.28 0.00	49.62 0.58 0.00	52.52 0.69 0.00	64.82 1.58 0.00	72.30 0.66 0.00	87.05 -0.07 0.00	66.81 0.73 0.00	86.25 1.46 0.00	78.12 2.64 -0.34	67.06 3.18 0.00	82.17 3.44 0.00	81.66 2.80 1.28	86.97 1.87 2.55	67.56 0.75 0.91	79.16 0.20 0.00	63.17 -0.29 0.00	51.41 0.84 0.00
BARRETT_IC_10 23701	56.53 0.83 0.00	51.45 0.87 0.00	44.00 0.74 0.00	38.67 0.63 0.00	38.00 0.65 0.00	41.98 0.57 0.00	52.57 0.25 0.00	49.78 0.28 0.00	49.62 0.58 0.00	52.52 0.69 0.00	64.82 1.58 0.00	72.30 0.66 0.00	87.05 -0.07 0.00	66.81 0.73 0.00	86.25 1.46 0.00	73.72 2.64 4.05	67.06 3.18 0.00	82.17 3.44 0.00	71.48 2.80 11.46	56.54 1.87 32.98	65.20 0.75 3.26	79.16 0.20 0.00	63.17 -0.29 0.00	51.41 0.84 0.00
BARRETT_IC_11 23702	56.53 0.83 0.00	51.45 0.87 0.00	44.00 0.74 0.00	38.67 0.63 0.00	38.00 0.65 0.00	41.98 0.57 0.00	52.57 0.25 0.00	49.78 0.28 0.00	49.62 0.58 0.00	52.52 0.69 0.00	64.82 1.58 0.00	72.30 0.66 0.00	87.05 -0.07 0.00	66.81 0.73 0.00	86.25 1.46 0.00	73.72 2.64 4.05	67.06 3.18 0.00	82.17 3.44 0.00	71.48 2.80 11.46	56.54 1.87 32.98	65.20 0.75 3.26	79.16 0.20 0.00	63.17 -0.29 0.00	51.41 0.84 0.00
BARRETT_IC_12 23703	56.53 0.83 0.00	51.45 0.87 0.00	44.00 0.74 0.00	38.67 0.63 0.00	38.00 0.65 0.00	41.98 0.57 0.00	52.57 0.25 0.00	49.78 0.28 0.00	49.62 0.58 0.00	52.52 0.69 0.00	64.82 1.58 0.00	72.30 0.66 0.00	87.05 -0.07 0.00	66.81 0.73 0.00	86.25 1.46 0.00	73.72 2.64 4.05	67.06 3.18 0.00	82.17 3.44 0.00	71.48 2.80 11.46	56.54 1.87 32.98	65.20 0.75 3.26	79.16 0.20 0.00	63.17 -0.29 0.00	51.41 0.84 0.00
BARRETT_IC_2 23705	56.53 0.83 0.00	51.45 0.87 0.00	44.00 0.74 0.00	38.67 0.63 0.00	38.00 0.65 0.00	41.98 0.57 0.00	52.57 0.25 0.00	49.78 0.28 0.00	49.62 0.58 0.00	52.52 0.69 0.00	64.82 1.58 0.00	72.30 0.66 0.00	87.05 -0.07 0.00	66.81 0.73 0.00	86.25 1.46 0.00	78.12 2.64 -0.34	67.06 3.18 0.00	82.17 3.44 0.00	81.66 2.80 1.28	86.97 1.87 2.55	67.56 0.75 0.91	79.16 0.20 0.00	63.17 -0.29 0.00	51.41 0.84 0.00
BARRETT_IC_3 23706	56.53 0.83 0.00	51.45 0.87 0.00	44.00 0.74 0.00	38.67 0.63 0.00	38.00 0.65 0.00	41.98 0.57 0.00	52.57 0.25 0.00	49.78 0.28 0.00	49.62 0.58 0.00	52.52 0.69 0.00	64.82 1.58 0.00	72.30 0.66 0.00	87.05 -0.07 0.00	66.81 0.73 0.00	86.25 1.46 0.00	78.12 2.64 -0.34	67.06 3.18 0.00	82.17 3.44 0.00	81.66 2.80 1.28	86.97 1.87 2.55	67.56 0.75 0.91	79.16 0.20 0.00	63.17 -0.29 0.00	51.41 0.84 0.00
BARRETT_IC_4 23707	56.53 0.83 0.00	51.45 0.87 0.00	44.00 0.74 0.00	38.67 0.63 0.00	38.00 0.65 0.00	41.98 0.57 0.00	52.57 0.25 0.00	49.78 0.28 0.00	49.62 0.58 0.00	52.52 0.69 0.00	64.82 1.58 0.00	72.30 0.66 0.00	87.05 -0.07 0.00	66.81 0.73 0.00	86.25 1.46 0.00	78.12 2.64 -0.34	67.06 3.18 0.00	82.17 3.44 0.00	81.66 2.80 1.28	86.97 1.87 2.55	67.56 0.75 0.91	79.16 0.20 0.00	63.17 -0.29 0.00	51.41 0.84 0.00
BARRETT_IC_5 23708	56.53 0.83 0.00	51.45 0.87 0.00	44.00 0.74 0.00	38.67 0.63 0.00	38.00 0.65 0.00	41.98 0.57 0.00	52.57 0.25 0.00	49.78 0.28 0.00	49.62 0.58 0.00	52.52 0.69 0.00	64.82 1.58 0.00	72.30 0.66 0.00	87.05 -0.07 0.00	66.81 0.73 0.00	86.25 1.46 0.00	78.12 2.64 -0.34	67.06 3.18 0.00	82.17 3.44 0.00	81.66 2.80 1.28	86.97 1.87 2.55	67.56 0.75 0.91	79.16 0.20 0.00	63.17 -0.29 0.00	51.41 0.84 0.00

BARRETT_IC_6 23709	56.53 0.83 0.00	51.45 0.87 0.00	44.00 0.74 0.00	38.67 0.63 0.00	38.00 0.65 0.00	41.98 0.57 0.00	52.57 0.25 0.00	49.78 0.28 0.00	49.62 0.58 0.00	52.52 0.69 0.00	64.82 1.58 0.00	72.30 0.66 0.00	87.05 -0.07 0.00	66.81 0.73 0.00	86.25 1.46 0.00	78.12 2.64 -0.34	67.06 3.18 0.00	82.17 3.44 0.00	81.66 2.80 1.28	86.97 1.87 2.55	67.56 0.75 0.91	79.16 0.20 0.00	63.17 -0.29 0.00	51.41 0.84 0.00
BARRETT_IC_7 23710	56.53 0.83 0.00	51.45 0.87 0.00	44.00 0.74 0.00	38.67 0.63 0.00	37.99 0.64 0.00	41.98 0.57 0.00	52.57 0.25 0.00	49.78 0.28 0.00	49.62 0.58 0.00	52.52 0.69 0.00	64.82 1.58 0.00	72.28 0.64 0.00	87.06 -0.06 0.00	66.82 0.74 0.00	86.26 1.47 0.00	78.14 2.66 -0.34	67.06 3.18 0.00	82.18 3.44 0.00	81.73 2.87 1.28	87.10 1.99 2.55	67.56 0.76 0.91	79.16 0.19 0.00	63.19 -0.28 0.00	51.41 0.84 0.00
BARRETT_IC_8 23711	56.53 0.83 0.00	51.45 0.87 0.00	44.00 0.74 0.00	38.67 0.63 0.00	38.00 0.65 0.00	41.98 0.57 0.00	52.57 0.25 0.00	49.78 0.28 0.00	49.62 0.58 0.00	52.52 0.69 0.00	64.82 1.58 0.00	72.30 0.66 0.00	87.05 -0.07 0.00	66.81 0.73 0.00	86.25 1.46 0.00	78.12 2.64 -0.34	67.06 3.18 0.00	82.17 3.44 0.00	81.66 2.80 1.28	86.97 1.87 2.55	67.56 0.75 0.91	79.16 0.20 0.00	63.17 -0.29 0.00	51.41 0.84 0.00
BARRETT_IC_9 23700	56.53 0.83 0.00	51.45 0.87 0.00	44.00 0.74 0.00	38.67 0.63 0.00	38.00 0.65 0.00	41.98 0.57 0.00	52.57 0.25 0.00	49.78 0.28 0.00	49.62 0.58 0.00	52.52 0.69 0.00	64.82 1.58 0.00	72.30 0.66 0.00	87.05 -0.07 0.00	66.81 0.73 0.00	86.25 1.46 0.00	73.72 2.64 4.05	67.06 3.18 0.00	82.17 3.44 0.00	71.48 2.80 11.46	56.54 1.87 32.98	65.20 0.75 3.26	79.16 0.20 0.00	63.17 -0.29 0.00	51.41 0.84 0.00
BARRETT___1 23545	56.53 0.83 0.00	51.45 0.87 0.00	44.00 0.74 0.00	38.67 0.63 0.00	38.00 0.65 0.00	41.98 0.57 0.00	52.57 0.25 0.00	49.78 0.28 0.00	49.62 0.58 0.00	52.52 0.69 0.00	64.82 1.58 0.00	72.30 0.66 0.00	87.05 -0.07 0.00	66.81 0.73 0.00	86.25 1.46 0.00	78.12 2.64 -0.34	67.06 3.18 0.00	82.17 3.44 0.00	81.66 2.80 1.28	86.97 1.87 2.55	67.56 0.75 0.91	79.16 0.20 0.00	63.17 -0.29 0.00	51.41 0.84 0.00
BARRETT___2 23546	56.53 0.83 0.00	51.45 0.87 0.00	44.00 0.74 0.00	38.67 0.63 0.00	38.00 0.65 0.00	41.98 0.57 0.00	52.57 0.25 0.00	49.78 0.28 0.00	49.62 0.58 0.00	52.52 0.69 0.00	64.82 1.58 0.00	72.30 0.66 0.00	87.05 -0.07 0.00	66.81 0.73 0.00	86.25 1.46 0.00	73.72 2.64 4.05	67.06 3.18 0.00	82.17 3.44 0.00	71.48 2.80 11.46	56.54 1.87 32.98	65.20 0.75 3.26	79.16 0.20 0.00	63.17 -0.29 0.00	51.41 0.84 0.00
BATAVIA__115KV_TB1 55881	58.07 2.38 0.00	51.77 1.19 0.00	43.29 0.03 0.00	37.88 -0.17 0.00	37.16 -0.19 0.00	41.53 0.13 0.00	53.20 0.88 0.00	50.61 1.11 0.00	51.09 2.05 0.00	54.94 3.11 0.00	66.86 3.62 0.00	77.15 5.51 0.00	95.82 7.34 -1.35	100.54 4.71 -29.74	108.74 5.77 -18.18	82.90 5.55 -2.22	67.17 3.29 0.00	83.10 4.37 0.00	86.02 5.88 0.00	96.51 8.85 0.00	74.55 6.84 0.00	85.36 6.39 0.00	69.02 5.55 0.00	55.30 4.72 0.00
BAYONEEC___CTG1 323682	56.49 0.80 0.00	51.56 0.98 0.00	44.16 0.90 0.00	38.83 0.79 0.00	38.15 0.80 0.00	42.20 0.79 0.00	52.96 0.64 0.00	50.43 0.93 0.00	50.20 1.16 0.00	52.89 1.06 0.00	64.50 1.26 0.00	72.58 0.95 0.00	88.24 1.11 0.00	67.61 1.53 0.00	87.00 2.21 0.00	78.17 3.04 0.00	67.35 3.47 0.00	82.77 4.04 0.00	83.75 3.61 0.00	90.84 3.18 0.00	69.27 1.55 0.00	79.77 0.81 0.00	63.59 0.12 0.00	51.25 0.67 0.00
BAYONEEC___CTG10 323750	56.49 0.80 0.00	51.56 0.98 0.00	44.16 0.90 0.00	38.83 0.79 0.00	38.15 0.80 0.00	42.20 0.79 0.00	52.96 0.64 0.00	50.43 0.93 0.00	50.20 1.16 0.00	52.89 1.06 0.00	64.50 1.26 0.00	72.58 0.95 0.00	88.24 1.11 0.00	67.61 1.53 0.00	87.00 2.21 0.00	78.17 3.04 0.00	67.35 3.47 0.00	82.77 4.04 0.00	83.75 3.61 0.00	90.84 3.18 0.00	69.27 1.55 0.00	79.77 0.81 0.00	63.59 0.12 0.00	51.25 0.67 0.00
BAYONEEC___CTG2 323683	56.49 0.80 0.00	51.56 0.98 0.00	44.16 0.90 0.00	38.83 0.79 0.00	38.15 0.80 0.00	42.20 0.79 0.00	52.96 0.64 0.00	50.43 0.93 0.00	50.20 1.16 0.00	52.89 1.06 0.00	64.50 1.26 0.00	72.58 0.95 0.00	88.24 1.11 0.00	67.61 1.53 0.00	87.00 2.21 0.00	78.17 3.04 0.00	67.35 3.47 0.00	82.77 4.04 0.00	83.75 3.61 0.00	90.84 3.18 0.00	69.27 1.55 0.00	79.77 0.81 0.00	63.59 0.12 0.00	51.25 0.67 0.00
BAYONEEC___CTG3 323684	56.49 0.80 0.00	51.56 0.98 0.00	44.16 0.90 0.00	38.83 0.79 0.00	38.15 0.80 0.00	42.20 0.79 0.00	52.96 0.64 0.00	50.43 0.93 0.00	50.20 1.16 0.00	52.89 1.06 0.00	64.50 1.26 0.00	72.58 0.95 0.00	88.24 1.11 0.00	67.61 1.53 0.00	87.00 2.21 0.00	78.17 3.04 0.00	67.35 3.47 0.00	82.77 4.04 0.00	83.75 3.61 0.00	90.84 3.18 0.00	69.27 1.55 0.00	79.77 0.81 0.00	63.59 0.12 0.00	51.25 0.67 0.00
BAYONEEC___CTG4 323685	56.49 0.80 0.00	51.56 0.98 0.00	44.16 0.90 0.00	38.83 0.79 0.00	38.15 0.80 0.00	42.20 0.79 0.00	52.96 0.64 0.00	50.43 0.93 0.00	50.20 1.16 0.00	52.89 1.06 0.00	64.50 1.26 0.00	72.58 0.95 0.00	88.24 1.11 0.00	67.61 1.53 0.00	87.00 2.21 0.00	78.17 3.04 0.00	67.35 3.47 0.00	82.77 4.04 0.00	83.75 3.61 0.00	90.84 3.18 0.00	69.27 1.55 0.00	79.77 0.81 0.00	63.59 0.12 0.00	51.25 0.67 0.00
BAYONEEC___CTG5 323686	56.49 0.80 0.00	51.56 0.98 0.00	44.16 0.90 0.00	38.83 0.79 0.00	38.15 0.80 0.00	42.20 0.79 0.00	52.96 0.64 0.00	50.43 0.93 0.00	50.20 1.16 0.00	52.89 1.06 0.00	64.50 1.26 0.00	72.58 0.95 0.00	88.24 1.11 0.00	67.61 1.53 0.00	87.00 2.21 0.00	78.17 3.04 0.00	67.35 3.47 0.00	82.77 4.04 0.00	83.75 3.61 0.00	90.84 3.18 0.00	69.27 1.55 0.00	79.77 0.81 0.00	63.59 0.12 0.00	51.25 0.67 0.00
BAYONEEC___CTG6 323687	56.49 0.80 0.00	51.56 0.98 0.00	44.16 0.90 0.00	38.83 0.79 0.00	38.15 0.80 0.00	42.20 0.79 0.00	52.96 0.64 0.00	50.43 0.93 0.00	50.20 1.16 0.00	52.89 1.06 0.00	64.50 1.26 0.00	72.58 0.95 0.00	88.24 1.11 0.00	67.61 1.53 0.00	87.00 2.21 0.00	78.17 3.04 0.00	67.35 3.47 0.00	82.77 4.04 0.00	83.75 3.61 0.00	90.84 3.18 0.00	69.27 1.55 0.00	79.77 0.81 0.00	63.59 0.12 0.00	51.25 0.67 0.00
BAYONEEC___CTG7 323688	56.49 0.80 0.00	51.56 0.98 0.00	44.16 0.90 0.00	38.83 0.79 0.00	38.15 0.80 0.00	42.20 0.79 0.00	52.96 0.64 0.00	50.43 0.93 0.00	50.20 1.16 0.00	52.89 1.06 0.00	64.50 1.26 0.00	72.58 0.95 0.00	88.24 1.11 0.00	67.61 1.53 0.00	87.00 2.21 0.00	78.17 3.04 0.00	67.35 3.47 0.00	82.77 4.04 0.00	83.75 3.61 0.00	90.84 3.18 0.00	69.27 1.55 0.00	79.77 0.81 0.00	63.59 0.12 0.00	51.25 0.67 0.00

BAYONEEC___CTG8 323689	56.49 0.80 0.00	51.56 0.98 0.00	44.16 0.90 0.00	38.83 0.79 0.00	38.15 0.80 0.00	42.20 0.79 0.00	52.96 0.64 0.00	50.43 0.93 0.00	50.20 1.16 0.00	52.89 1.06 0.00	64.50 1.26 0.00	72.58 0.95 0.00	88.24 1.11 0.00	67.61 1.53 0.00	87.00 2.21 0.00	78.17 3.04 0.00	67.35 3.47 0.00	82.77 4.04 0.00	83.75 3.61 0.00	90.84 3.18 0.00	69.27 1.55 0.00	79.77 0.81 0.00	63.59 0.12 0.00	51.25 0.67 0.00
BAYONEEC___CTG9 323749	56.49 0.80 0.00	51.56 0.98 0.00	44.16 0.90 0.00	38.83 0.79 0.00	38.15 0.80 0.00	42.20 0.79 0.00	52.96 0.64 0.00	50.43 0.93 0.00	50.20 1.16 0.00	52.89 1.06 0.00	64.50 1.26 0.00	72.58 0.95 0.00	88.24 1.11 0.00	67.61 1.53 0.00	87.00 2.21 0.00	78.17 3.04 0.00	67.35 3.47 0.00	82.77 4.04 0.00	83.75 3.61 0.00	90.84 3.18 0.00	69.27 1.55 0.00	79.77 0.81 0.00	63.59 0.12 0.00	51.25 0.67 0.00
BEACON___LESR 323632	56.81 1.12 0.00	51.72 1.14 0.00	44.37 1.11 0.00	39.01 0.97 0.00	38.34 1.00 0.00	42.46 1.06 0.00	53.59 1.27 0.00	50.70 1.20 0.00	49.88 0.84 0.00	52.44 0.60 0.00	63.90 0.66 0.00	72.06 0.42 0.00	87.64 0.52 0.00	65.86 -0.23 0.00	84.81 0.02 0.00	75.71 0.57 0.00	64.76 0.88 0.00	79.72 0.99 0.00	81.27 1.13 0.00	88.59 0.94 0.00	68.14 0.43 0.00	78.93 -0.04 0.00	63.17 -0.30 0.00	50.33 -0.24 0.00
BEAVER RIVER___HYD 24048	62.94 1.82 -5.44	51.49 0.91 0.00	43.71 0.45 0.00	38.33 0.28 0.00	37.87 0.53 0.00	42.48 1.08 0.00	54.47 2.07 -0.08	51.57 2.07 0.00	51.07 2.03 0.00	53.96 2.13 0.00	66.04 2.80 0.00	74.60 2.96 0.00	90.84 3.72 0.00	68.05 1.97 0.00	86.21 1.42 0.00	75.94 0.82 0.00	64.53 0.65 0.00	80.10 1.37 0.00	83.04 2.49 -0.41	95.25 4.49 -3.11	74.01 3.82 -2.48	86.37 4.31 -3.10	133.42 4.26 -65.69	76.78 2.25 -23.95
BEEBEE_GT_13 23619	56.94 1.25 0.00	51.11 0.53 0.00	42.97 -0.29 0.00	37.63 -0.42 0.00	36.90 -0.44 0.00	41.13 -0.27 0.00	52.43 0.12 0.00	49.86 0.36 0.00	50.17 1.13 0.00	53.93 2.10 0.00	66.23 2.99 0.00	76.44 4.80 0.00	95.29 6.38 -1.79	109.88 4.38 -39.41	114.37 5.49 -24.09	83.18 5.11 -2.94	67.24 3.35 0.00	82.81 4.07 0.00	85.24 5.11 0.00	94.74 7.09 0.00	72.94 5.23 0.00	83.94 4.97 0.00	67.51 4.05 0.00	53.40 2.83 0.00
BENSHRST_27_KV_BENSHRST_1 355998	56.88 1.19 0.00	51.92 1.34 0.00	44.54 1.28 0.00	39.13 1.09 0.00	38.43 1.09 0.00	42.52 1.11 0.00	53.27 0.96 0.00	50.82 1.32 0.00	50.63 1.59 0.00	53.31 1.48 0.00	64.82 1.58 0.00	73.03 1.39 0.00	88.85 1.73 0.00	68.17 2.09 0.00	87.66 2.88 0.00	78.91 3.78 0.00	68.06 4.17 0.00	83.56 4.82 0.00	84.54 4.41 0.00	91.92 4.27 0.00	69.89 2.18 0.00	80.49 1.52 0.00	64.18 0.71 0.00	51.84 1.26 0.00
BETHLEHEM___GRP 23843	56.53 0.84 0.00	51.56 0.98 0.00	44.26 1.00 0.00	38.95 0.90 0.00	38.24 0.89 0.00	42.32 0.91 0.00	53.27 0.96 0.00	50.25 0.75 0.00	49.55 0.51 0.00	52.12 0.29 0.00	63.44 0.21 0.00	71.49 -0.15 0.00	86.92 -0.20 0.00	65.33 -0.76 0.00	83.85 -0.94 0.00	74.85 -0.28 0.00	63.76 -0.13 0.00	78.24 -0.50 0.00	79.68 -0.46 0.00	86.87 -0.79 0.00	66.80 -0.91 0.00	77.73 -1.24 0.00	62.19 -1.28 0.00	49.70 -0.88 0.00
BETHLEHEM___GS1 323560	56.53 0.84 0.00	51.56 0.98 0.00	44.25 1.00 0.00	38.95 0.90 0.00	38.23 0.89 0.00	42.32 0.91 0.00	53.27 0.95 0.00	50.25 0.75 0.00	49.55 0.51 0.00	52.12 0.29 0.00	63.44 0.21 0.00	71.49 -0.15 0.00	86.92 -0.20 0.00	65.32 -0.77 0.00	83.85 -0.94 0.00	74.85 -0.28 0.00	63.76 -0.13 0.00	78.24 -0.50 0.00	79.68 -0.46 0.00	86.86 -0.79 0.00	66.80 -0.91 0.00	77.73 -1.24 0.00	62.18 -1.28 0.00	49.70 -0.88 0.00
BETHLEHEM___GS2 323561	56.53 0.84 0.00	51.56 0.98 0.00	44.25 1.00 0.00	38.95 0.90 0.00	38.23 0.89 0.00	42.32 0.91 0.00	53.27 0.95 0.00	50.25 0.75 0.00	49.55 0.51 0.00	52.12 0.29 0.00	63.44 0.21 0.00	71.49 -0.15 0.00	86.92 -0.20 0.00	65.32 -0.77 0.00	83.85 -0.94 0.00	74.85 -0.28 0.00	63.76 -0.13 0.00	78.24 -0.50 0.00	79.68 -0.46 0.00	86.86 -0.79 0.00	66.80 -0.91 0.00	77.73 -1.24 0.00	62.18 -1.28 0.00	49.70 -0.88 0.00
BETHLEHEM___GS3 323562	56.53 0.84 0.00	51.56 0.98 0.00	44.25 1.00 0.00	38.95 0.90 0.00	38.23 0.89 0.00	42.32 0.91 0.00	53.27 0.95 0.00	50.25 0.75 0.00	49.55 0.51 0.00	52.12 0.29 0.00	63.44 0.21 0.00	71.49 -0.15 0.00	86.92 -0.20 0.00	65.32 -0.77 0.00	83.85 -0.94 0.00	74.85 -0.28 0.00	63.76 -0.13 0.00	78.24 -0.50 0.00	79.68 -0.46 0.00	86.86 -0.79 0.00	66.80 -0.91 0.00	77.73 -1.24 0.00	62.18 -1.28 0.00	49.70 -0.88 0.00
BETHLEHEM___STEEL 23779	56.74 1.05 0.00	50.58 0.00 0.00	42.21 -1.05 0.00	36.97 -1.08 0.00	36.27 -1.07 0.00	40.50 -0.91 0.00	51.93 -0.39 0.00	49.47 -0.03 0.00	50.24 1.21 0.00	54.49 2.66 0.00	66.99 3.75 0.00	77.85 6.21 0.00	95.87 7.97 -0.78	88.38 5.06 -17.23	101.53 6.20 -10.54	82.09 5.67 -1.29	67.33 3.44 0.00	82.82 4.09 0.00	85.33 5.19 0.00	95.65 8.00 0.00	73.72 6.00 0.00	84.33 5.37 0.00	68.35 4.89 0.00	54.05 3.48 0.00
BETHLHEM_115KV_TB1 79974	56.42 0.73 0.00	51.48 0.89 0.00	44.18 0.92 0.00	38.88 0.83 0.00	38.16 0.82 0.00	42.25 0.84 0.00	53.18 0.86 0.00	50.17 0.67 0.00	49.47 0.43 0.00	52.06 0.23 0.00	63.38 0.14 0.00	71.43 -0.20 0.00	86.88 -0.24 0.00	65.41 -0.67 0.00	84.00 -0.79 0.00	74.95 -0.18 0.00	63.87 -0.01 0.00	78.45 -0.28 0.00	79.91 -0.23 0.00	87.11 -0.54 0.00	66.99 -0.72 0.00	77.94 -1.03 0.00	62.37 -1.09 0.00	49.85 -0.72 0.00
BETHPAGE_CC_5 323564	56.40 0.71 0.00	51.43 0.85 0.00	44.03 0.77 0.00	38.70 0.65 0.00	38.02 0.68 0.00	41.98 0.57 0.00	52.45 0.13 0.00	49.65 0.15 0.00	49.55 0.51 0.00	52.54 0.70 0.00	65.16 1.92 0.00	72.53 0.89 0.00	86.86 -0.04 0.22	66.86 0.77 0.00	86.62 1.75 -0.08	79.85 3.12 -1.61	70.42 3.61 -2.93	85.48 3.94 -2.80	84.61 3.33 -1.15	89.16 2.42 0.91	68.65 1.04 0.10	79.31 0.34 0.00	63.04 -0.42 0.00	51.33 0.76 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	56.84 1.15 0.00	50.64 0.06 0.00	42.27 -0.98 0.00	37.02 -1.03 0.00	36.34 -1.01 0.00	40.56 -0.84 0.00	52.01 -0.31 0.00	49.56 0.06 0.00	50.35 1.31 0.00	54.62 2.78 0.00	67.17 3.93 0.00	78.07 6.43 0.00	96.14 8.24 -0.77	88.37 5.30 -16.98	101.71 6.54 -10.38	82.37 5.97 -1.27	67.63 3.75 0.00	83.21 4.48 0.00	85.73 5.59 0.00	96.07 8.41 0.00	73.98 6.27 0.00	84.60 5.63 0.00	68.51 5.04 0.00	54.16 3.58 0.00
BINGHAMTON___COGEN 23790	55.70 0.01 0.00	50.51 -0.07 0.00	42.95 -0.31 0.00	37.76 -0.28 0.00	37.10 -0.24 0.00	41.16 -0.24 0.00	52.20 -0.19 -0.07	49.40 -0.09 0.00	49.11 0.07 0.00	52.14 0.30 0.00	63.69 0.45 0.00	72.58 0.94 0.00	88.37 1.25 0.00	66.99 0.91 0.00	86.07 1.28 0.00	76.53 1.40 0.00	65.19 1.31 0.00	80.37 1.64 0.00	82.63 2.13 -0.36	93.51 3.13 -2.72	71.79 1.91 -2.17	83.10 1.43 -2.71	64.82 1.03 -0.32	51.13 0.55 0.00

BIXINCNT_115KV_LOAD 355685	56.32 0.62 0.00	49.78 -0.80 0.00	41.66 -1.60 0.00	36.62 -1.43 0.00	36.06 -1.28 0.00	40.26 -1.15 0.00	51.76 -0.56 0.00	49.52 0.02 0.00	50.49 1.45 0.00	54.73 2.89 0.00	67.18 3.94 0.00	77.81 6.17 0.00	95.66 7.83 -0.72	86.99 5.17 -15.74	100.77 6.36 -9.62	82.12 5.81 -1.18	67.73 3.85 0.00	83.43 4.69 0.00	85.97 5.83 0.00	96.28 8.62 0.00	73.97 6.26 0.00	84.55 5.59 0.00	68.32 4.86 0.00	53.98 3.40 0.00
BLACK RIVER___HYD 24047	61.95 2.51 -3.75	51.97 1.39 0.00	43.97 0.71 0.00	38.54 0.49 0.00	38.11 0.76 0.00	42.83 1.42 0.00	55.16 2.70 -0.14	52.26 2.76 0.00	51.90 2.85 0.00	54.81 2.98 0.00	67.43 4.19 0.00	75.69 4.05 0.00	92.49 5.37 0.00	68.98 2.90 0.00	87.53 2.75 0.00	77.21 2.08 0.00	65.62 1.73 0.00	81.58 2.85 0.00	85.15 4.31 -0.69	100.07 7.16 -5.25	77.83 5.93 -4.19	90.71 6.52 -5.22	114.76 5.64 -45.66	70.10 3.01 -16.51
BLACKRVR_115KV_TB2 79977	61.95 2.51 -3.75	51.97 1.39 0.00	43.97 0.71 0.00	38.54 0.49 0.00	38.11 0.77 0.00	42.83 1.42 0.00	55.16 2.70 -0.14	52.26 2.76 0.00	51.89 2.85 0.00	54.81 2.98 0.00	67.43 4.19 0.00	75.69 4.05 0.00	92.49 5.37 0.00	68.98 2.89 0.00	87.54 2.75 0.00	77.21 2.08 0.00	65.62 1.73 0.00	81.58 2.85 0.00	85.14 4.31 -0.69	100.07 7.16 -5.25	77.83 5.93 -4.19	90.71 6.52 -5.22	114.76 5.64 -45.66	70.10 3.01 -16.51
BLDWN_LI_69_KV_BK4 356085	56.99 1.30 0.00	51.87 1.29 0.00	44.32 1.07 0.00	38.95 0.90 0.00	38.25 0.90 0.00	42.27 0.86 0.00	52.92 0.61 0.00	50.16 0.66 0.00	50.04 1.00 0.00	53.03 1.20 0.00	65.56 2.32 0.00	72.92 1.28 0.00	87.75 0.63 0.00	67.36 1.28 0.00	87.10 2.32 0.00	78.83 3.70 0.00	67.83 3.95 0.00	83.16 4.42 0.00	83.57 3.93 0.49	89.61 3.13 1.17	69.15 1.70 0.26	80.33 1.37 0.00	63.94 0.48 0.00	51.94 1.37 0.00
BLISS_WT_PWR 323608	56.19 0.50 0.00	49.52 -1.06 0.00	41.45 -1.80 0.00	36.48 -1.57 0.00	35.94 -1.40 0.00	40.13 -1.27 0.00	51.65 -0.66 0.00	49.45 -0.05 0.00	50.49 1.45 0.00	54.77 2.94 0.00	67.22 3.98 0.00	77.88 6.24 0.00	95.71 7.88 -0.72	87.05 5.23 -15.74	100.87 6.46 -9.62	82.18 5.88 -1.18	67.78 3.90 0.00	83.48 4.75 0.00	86.04 5.90 0.00	96.35 8.69 0.00	74.00 6.29 0.00	84.58 5.62 0.00	68.36 4.89 0.00	53.98 3.40 0.00
BLUESTONE___WT_PWR 323821	56.23 0.54 0.00	52.04 1.46 0.00	44.58 1.33 0.00	39.08 1.04 0.00	38.63 1.29 0.00	42.93 1.53 0.00	54.49 2.11 -0.06	51.31 1.81 0.00	50.88 1.84 0.00	54.06 2.23 0.00	66.04 2.81 0.00	75.10 3.46 0.00	91.27 4.15 0.00	69.35 3.27 0.00	88.97 4.19 0.00	79.39 4.26 0.00	67.72 3.84 0.00	84.20 5.47 0.00	86.78 6.33 -0.31	98.00 7.98 -2.36	75.21 5.61 -1.89	86.75 5.43 -2.35	67.17 3.43 -0.28	50.88 0.30 0.00
BLUE_CIRC_CHEM_DRP 24182	55.41 -0.28 0.00	50.61 0.03 0.00	43.47 0.21 0.00	38.25 0.21 0.00	37.57 0.23 0.00	41.60 0.19 0.00	52.35 0.03 0.00	49.32 -0.18 0.00	48.52 -0.52 0.00	51.00 -0.83 0.00	62.09 -1.14 0.00	69.97 -1.67 0.00	85.09 -2.03 0.00	64.33 -1.75 0.00	82.64 -2.15 0.00	73.62 -1.51 0.00	62.73 -1.16 0.00	77.22 -1.51 0.00	78.82 -1.32 0.00	86.14 -1.52 0.00	66.36 -1.35 0.00	77.27 -1.70 0.00	61.87 -1.59 0.00	49.45 -1.12 0.00
BOC_GAS_DRP 24189	55.92 0.23 0.00	51.05 0.47 0.00	43.80 0.54 0.00	38.54 0.49 0.00	37.84 0.49 0.00	41.89 0.49 0.00	52.75 0.43 0.00	49.77 0.27 0.00	49.12 0.08 0.00	51.74 -0.10 0.00	63.02 -0.22 0.00	71.12 -0.52 0.00	86.48 -0.64 0.00	65.55 -0.53 0.00	84.17 -0.61 0.00	75.03 -0.11 0.00	64.01 0.13 0.00	78.80 0.06 0.00	80.20 0.06 0.00	87.47 -0.19 0.00	67.31 -0.40 0.00	78.32 -0.65 0.00	62.72 -0.74 0.00	50.15 -0.42 0.00
BOONVILLE_115KV_TB1 79983	59.21 1.47 -2.05	51.56 0.98 0.00	43.93 0.68 0.00	38.56 0.51 0.00	37.98 0.63 0.00	42.38 0.98 0.00	53.92 1.56 -0.04	51.07 1.57 0.00	50.51 1.47 0.00	53.35 1.51 0.00	65.08 1.84 0.00	73.66 2.02 0.00	89.74 2.62 0.00	67.86 1.78 0.00	86.80 2.01 0.00	76.90 1.77 0.00	65.59 1.71 0.00	81.27 2.54 0.00	83.64 3.30 -0.20	93.76 4.59 -1.52	72.42 3.50 -1.22	84.19 3.71 -1.51	91.25 2.95 -24.84	61.42 1.80 -9.04
BORALEX_4TH_BRANCH 23824	57.52 1.83 0.00	52.48 1.90 0.00	45.13 1.87 0.00	39.73 1.68 0.00	39.00 1.66 0.00	43.15 1.75 0.00	54.18 1.87 0.00	51.07 1.57 0.00	50.16 1.12 0.00	52.41 0.58 0.00	63.49 0.25 0.00	71.56 -0.08 0.00	87.46 0.34 0.00	66.76 0.68 0.00	85.98 1.19 0.00	76.86 1.73 0.00	65.43 1.55 0.00	81.17 2.43 0.00	82.77 2.63 0.00	90.22 2.57 0.00	69.56 1.85 0.00	81.39 2.42 0.00	65.07 1.61 0.00	51.87 1.29 0.00
BOWLINE___1 23526	56.10 0.41 0.00	51.13 0.55 0.00	43.75 0.49 0.00	38.49 0.44 0.00	37.82 0.48 0.00	41.81 0.40 0.00	52.56 0.24 0.00	49.85 0.35 0.00	49.52 0.48 0.00	52.24 0.40 0.00	63.81 0.58 0.00	71.94 0.30 0.00	87.47 0.34 0.00	66.90 0.82 0.00	86.10 1.31 0.00	77.32 2.19 0.00	66.50 2.62 0.00	81.83 3.10 0.00	83.01 2.87 0.00	90.23 2.58 0.00	68.87 1.16 0.00	79.43 0.46 0.00	63.37 -0.09 0.00	50.92 0.34 0.00
BOWLINE___2 23595	56.17 0.47 0.00	51.19 0.61 0.00	43.82 0.56 0.00	38.53 0.49 0.00	37.86 0.52 0.00	41.86 0.46 0.00	52.62 0.31 0.00	49.93 0.43 0.00	49.59 0.55 0.00	52.31 0.48 0.00	63.91 0.67 0.00	72.05 0.42 0.00	87.59 0.47 0.00	66.99 0.91 0.00	86.22 1.43 0.00	77.40 2.27 0.00	66.57 2.69 0.00	81.95 3.22 0.00	83.12 2.98 0.00	90.34 2.69 0.00	68.96 1.25 0.00	79.56 0.59 0.00	63.47 0.01 0.00	50.99 0.41 0.00
BRADY___115KV_TB2 356060	77.03 2.43 -18.91	52.53 1.95 0.00	44.94 1.68 0.00	39.57 1.52 0.00	38.82 1.47 0.00	43.13 1.73 0.00	54.73 2.41 0.00	51.71 2.20 0.00	50.88 1.84 0.00	53.64 1.81 0.00	65.30 2.06 0.00	73.87 2.23 0.00	89.49 2.37 0.00	67.42 1.34 0.00	85.65 0.86 0.00	75.18 0.05 0.00	63.44 -0.45 0.00	78.25 -0.48 0.00	79.87 -0.27 0.00	88.25 0.59 0.00	68.87 1.15 0.00	81.06 2.10 0.00	259.44 2.79 -193.19	130.13 2.12 -77.44
BRANSCOMB___SOLAR 323811	57.91 2.22 0.00	52.64 2.06 0.00	45.12 1.86 0.00	39.71 1.66 0.00	39.00 1.66 0.00	43.18 1.78 0.00	54.38 2.07 0.00	51.32 1.82 0.00	50.51 1.47 0.00	52.99 1.16 0.00	64.49 1.25 0.00	72.76 1.12 0.00	88.80 1.68 0.00	67.69 1.60 0.00	87.13 2.34 0.00	77.75 2.62 0.00	66.48 2.60 0.00	82.54 3.81 0.00	84.49 4.35 0.00	92.55 4.90 0.00	71.08 3.37 0.00	82.62 3.66 0.00	65.90 2.44 0.00	52.40 1.83 0.00
BRDGHMPT_69_KV_BK1 55812	57.41 1.72 0.00	52.22 1.64 0.00	44.56 1.30 0.00	39.14 1.09 0.00	38.47 1.13 0.00	42.34 0.93 0.00	52.86 0.54 0.00	50.09 0.59 0.00	50.29 1.25 0.00	53.82 1.99 0.00	67.88 4.64 0.00	75.61 3.97 0.00	90.40 3.92 0.64	69.69 3.61 0.00	94.66 5.53 -4.34	180.76 6.84 -98.79	208.78 6.48 -138.42	201.39 7.26 -115.40	172.97 6.36 -86.47	96.45 5.11 -3.69	70.55 2.92 0.09	81.25 2.28 0.00	64.09 0.62 0.00	52.42 1.85 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	57.01 1.32 0.00	51.86 1.28 0.00	44.34 1.08 0.00	38.97 0.92 0.00	38.27 0.93 0.00	42.24 0.84 0.00	52.78 0.47 0.00	50.00 0.50 0.00	49.87 0.83 0.00	53.04 1.21 0.00	66.29 3.05 0.00	73.56 1.92 0.00	86.90 0.59 0.81	66.91 0.83 0.00	87.79 2.10 -0.90	99.32 3.71 -20.48	97.91 4.22 -29.80	107.62 4.42 -24.47	100.87 3.59 -17.14	90.31 2.73 0.08	69.03 1.40 0.08	79.76 0.79 0.00	63.54 0.08 0.00	52.01 1.44 0.00
BRISTLHL_115KV_TB1 79998	54.90 -0.79 0.00	49.68 -0.90 0.00	42.32 -0.93 0.00	37.20 -0.85 0.00	36.50 -0.84 0.00	40.51 -0.90 0.00	51.62 -1.04 -0.34	48.62 -0.88 0.00	48.34 -0.70 0.00	51.09 -0.74 0.00	63.97 0.74 0.00	72.83 1.19 0.00	87.98 0.85 0.00	65.69 -0.39 0.00	84.35 -0.44 0.00	74.92 -0.21 0.00	63.74 -0.14 0.00	78.72 -0.02 0.00	82.18 0.40 -1.64	100.99 0.91 -12.42	78.11 0.49 -9.91	91.33 0.01 -12.35	68.32 -0.25 -5.10	50.82 -0.38 -0.63
BROOKHAVEN___DRP 24191	56.18 0.49 0.00	51.12 0.54 0.00	43.73 0.48 0.00	38.46 0.41 0.00	37.79 0.45 0.00	41.61 0.21 0.00	51.87 -0.44 0.00	49.11 -0.39 0.00	49.06 0.02 0.00	52.33 0.50 0.00	65.88 2.65 0.00	73.21 1.57 0.00	87.07 0.58 0.63	67.26 1.18 0.00	91.60 2.50 -4.31	177.33 3.99 -98.21	206.20 4.37 -137.94	198.62 4.77 -115.11	170.25 4.23 -85.88	94.64 3.33 -3.66	69.14 1.52 0.09	79.75 0.78 0.00	63.25 -0.21 0.00	51.78 1.21 0.00
BROOKLYN_NAVY_YARD 23515	56.43 0.74 0.00	51.51 0.93 0.00	44.09 0.84 0.00	38.79 0.74 0.00	38.10 0.76 0.00	42.14 0.74 0.00	52.87 0.56 0.00	50.36 0.86 0.00	50.15 1.11 0.00	52.82 0.99 0.00	64.37 1.13 0.00	72.49 0.85 0.00	88.09 0.97 0.00	67.51 1.43 0.00	86.86 2.08 0.00	78.13 2.91 -0.09	67.24 3.36 0.00	82.69 3.96 0.00	83.88 3.52 -0.22	91.33 3.03 -0.65	69.19 1.42 -0.05	79.65 0.68 0.00	63.51 0.05 0.00	51.15 0.57 0.00
BROOKLYN___ARMY_DRP 323595	56.49 0.80 0.00	51.58 1.00 0.00	44.27 1.01 0.00	38.91 0.86 0.00	38.22 0.88 0.00	42.28 0.87 0.00	52.95 0.64 0.00	50.50 1.00 0.00	50.28 1.24 0.00	52.92 1.09 0.00	64.33 1.09 0.00	72.41 0.77 0.00	88.08 0.95 0.00	67.56 1.48 0.00	86.86 2.07 0.00	78.19 3.06 0.00	67.44 3.55 0.00	82.78 4.05 0.00	83.79 3.65 0.00	91.08 3.42 0.00	69.26 1.55 0.00	79.78 0.81 0.00	63.62 0.15 0.00	51.43 0.85 0.00
BROOME_2_LFGE 323671	55.70 0.01 0.00	50.51 -0.07 0.00	42.95 -0.31 0.00	37.76 -0.28 0.00	37.11 -0.24 0.00	41.17 -0.24 0.00	52.20 -0.19 -0.07	49.41 -0.09 0.00	49.11 0.07 0.00	52.13 0.30 0.00	63.69 0.45 0.00	72.58 0.94 0.00	88.37 1.25 0.00	67.00 0.92 0.00	86.09 1.30 0.00	76.53 1.40 0.00	65.19 1.31 0.00	80.37 1.63 0.00	82.63 2.14 -0.36	93.51 3.14 -2.72	71.79 1.91 -2.17	83.10 1.42 -2.71	64.82 1.03 -0.32	51.13 0.55 0.00
BROOME___LFGE 323600	55.70 0.01 0.00	50.51 -0.07 0.00	42.95 -0.31 0.00	37.76 -0.28 0.00	37.11 -0.24 0.00	41.17 -0.24 0.00	52.20 -0.19 -0.07	49.41 -0.09 0.00	49.11 0.07 0.00	52.13 0.30 0.00	63.69 0.45 0.00	72.58 0.94 0.00	88.37 1.25 0.00	67.00 0.92 0.00	86.09 1.30 0.00	76.53 1.40 0.00	65.19 1.31 0.00	80.37 1.63 0.00	82.63 2.14 -0.36	93.51 3.14 -2.72	71.79 1.91 -2.17	83.10 1.42 -2.71	64.82 1.03 -0.32	51.13 0.55 0.00
BROWNFLS_115KV_TB_3_5 80003	67.31 1.79 -9.83	51.68 1.10 0.00	44.02 0.76 0.00	38.67 0.62 0.00	38.09 0.74 0.00	42.56 1.15 0.00	54.34 1.97 -0.06	51.44 1.94 0.00	50.88 1.84 0.00	53.76 1.93 0.00	65.66 2.42 0.00	74.21 2.57 0.00	90.18 3.06 0.00	67.69 1.60 0.00	85.70 0.91 0.00	75.16 0.03 0.00	63.62 -0.26 0.00	78.78 0.04 0.00	81.12 0.70 -0.28	91.80 2.02 -2.12	71.41 2.01 -1.69	83.73 2.65 -2.11	185.05 3.28 -118.30	95.83 1.97 -43.28
BROWNSV1_27_KV_LOAD 356125	57.20 1.51 0.00	52.16 1.58 0.00	44.64 1.38 0.00	39.24 1.20 0.00	38.55 1.20 0.00	42.65 1.24 0.00	53.57 1.25 0.00	51.02 1.52 0.00	50.82 1.78 0.00	53.59 1.76 0.00	65.38 2.14 0.00	73.65 2.01 0.00	89.60 2.48 0.00	68.65 2.57 0.00	88.36 3.58 0.00	79.41 4.28 0.00	68.38 4.49 0.00	84.07 5.34 0.00	85.04 4.90 0.00	92.26 4.60 0.00	70.35 2.64 0.00	81.03 2.06 0.00	64.57 1.10 0.00	51.95 1.38 0.00
BURROWS___LYONSDAL 23803	59.85 1.44 -2.72	51.41 0.83 0.00	43.76 0.51 0.00	38.38 0.34 0.00	37.85 0.51 0.00	42.32 0.92 0.00	53.97 1.60 -0.05	51.15 1.64 0.00	50.61 1.57 0.00	53.47 1.64 0.00	65.27 2.03 0.00	73.83 2.19 0.00	89.95 2.83 0.00	67.89 1.80 0.00	86.65 1.86 0.00	76.67 1.54 0.00	65.37 1.49 0.00	81.03 2.29 0.00	83.53 3.15 -0.24	94.10 4.61 -1.83	72.81 3.63 -1.46	84.70 3.90 -1.82	99.54 3.22 -32.86	64.35 1.81 -11.97
CAITHNESS_CC_1 323624	56.16 0.47 0.00	51.12 0.53 0.00	43.72 0.47 0.00	38.45 0.41 0.00	37.81 0.47 0.00	41.61 0.21 0.00	51.88 -0.44 0.00	49.11 -0.39 0.00	49.04 0.00 0.00	52.31 0.47 0.00	65.81 2.57 0.00	73.15 1.51 0.00	86.92 0.42 0.62	67.11 1.02 0.00	91.38 2.31 -4.28	176.53 3.77 -97.63	205.55 4.20 -137.47	198.11 4.55 -114.83	169.41 3.98 -85.29	94.30 3.01 -3.63	68.99 1.36 0.09	79.57 0.60 0.00	63.15 -0.32 0.00	51.72 1.15 0.00
CALPINE BETH_PAGE_GT4 24209	56.38 0.69 0.00	51.48 0.90 0.00	44.05 0.79 0.00	38.72 0.67 0.00	38.02 0.67 0.00	42.00 0.60 0.00	52.50 0.19 0.00	49.63 0.13 0.00	49.52 0.48 0.00	52.50 0.67 0.00	65.06 1.82 0.00	72.44 0.80 0.00	87.06 -0.06 0.00	66.85 0.77 0.00	86.54 1.70 -0.06	79.43 3.11 -1.19	69.63 3.57 -2.18	84.74 3.91 -2.09	84.27 3.35 -0.79	89.29 2.49 0.85	68.63 1.02 0.11	79.30 0.34 0.00	63.03 -0.43 0.00	51.28 0.71 0.00
CALPINE_BETH_PAGE_GT_4 323586	56.38 0.69 0.00	51.49 0.90 0.00	44.04 0.79 0.00	38.71 0.67 0.00	38.03 0.69 0.00	42.01 0.60 0.00	52.51 0.19 0.00	49.64 0.14 0.00	49.52 0.48 0.00	52.50 0.67 0.00	65.06 1.82 0.00	72.45 0.81 0.00	87.07 -0.06 0.00	66.84 0.76 0.00	86.54 1.70 -0.06	79.41 3.09 -1.19	69.64 3.57 -2.18	84.73 3.91 -2.09	84.24 3.31 -0.79	89.21 2.40 0.85	68.63 1.02 0.11	79.31 0.34 0.00	63.03 -0.44 0.00	51.28 0.71 0.00
CALPINE_BP_GT1 23823	56.38 0.69 0.00	51.49 0.90 0.00	44.04 0.79 0.00	38.71 0.67 0.00	38.03 0.69 0.00	42.01 0.60 0.00	52.51 0.19 0.00	49.64 0.14 0.00	49.52 0.48 0.00	52.50 0.67 0.00	65.06 1.82 0.00	72.45 0.81 0.00	87.07 -0.06 0.00	66.84 0.76 0.00	86.54 1.70 -0.06	79.41 3.09 -1.19	69.64 3.57 -2.18	84.73 3.91 -2.09	84.24 3.31 -0.79	89.21 2.40 0.85	68.63 1.02 0.11	79.31 0.34 0.00	63.03 -0.44 0.00	51.28 0.71 0.00
CALSPAN___DRP 24200	56.74 1.05 0.00	50.58 0.00 0.00	42.21 -1.05 0.00	36.97 -1.08 0.00	36.27 -1.07 0.00	40.50 -0.91 0.00	51.93 -0.39 0.00	49.47 -0.03 0.00	50.24 1.21 0.00	54.49 2.66 0.00	66.99 3.75 0.00	77.85 6.21 0.00	95.87 7.97 -0.78	88.38 5.06 -17.23	101.53 6.20 -10.54	82.09 5.67 -1.29	67.33 3.44 0.00	82.82 4.09 0.00	85.33 5.19 0.00	95.65 8.00 0.00	73.72 6.00 0.00	84.33 5.37 0.00	68.35 4.89 0.00	54.05 3.48 0.00

CALVERTON___SOLAR 323806	56.29 0.60 0.00	51.21 0.63 0.00	43.79 0.54 0.00	38.52 0.47 0.00	37.88 0.53 0.00	41.66 0.25 0.00	51.95 -0.37 0.00	49.19 -0.31 0.00	49.16 0.12 0.00	52.47 0.64 0.00	66.06 2.82 0.00	73.47 1.83 0.00	87.41 0.93 0.63	67.51 1.43 0.00	91.95 2.84 -4.32	177.91 4.33 -98.45	206.70 4.66 -138.17	199.12 5.12 -115.26	170.78 4.52 -86.12	94.86 3.53 -3.67	69.37 1.75 0.09	79.99 1.02 0.00	63.39 -0.08 0.00	51.88 1.30 0.00
CANDIGU_WT_PWR 323617	54.98 -0.71 0.00	49.40 -1.18 0.00	41.64 -1.62 0.00	36.59 -1.46 0.00	35.90 -1.44 0.00	39.90 -1.50 0.00	51.05 -1.31 -0.04	48.46 -1.04 0.00	48.65 -0.39 0.00	52.22 0.39 0.00	63.97 0.74 0.00	73.62 1.98 0.00	90.15 2.56 -0.48	77.98 1.44 -10.46	93.04 1.87 -6.39	77.81 1.90 -0.78	64.98 1.10 0.00	80.08 1.35 0.00	82.94 2.59 -0.21	94.40 5.17 -1.58	72.63 3.66 -1.26	83.12 2.59 -1.57	65.92 2.27 -0.18	51.88 1.30 0.00
CARR STREET_E_SYR 24060	54.97 -0.72 0.00	49.75 -0.83 0.00	42.37 -0.88 0.00	37.22 -0.82 0.00	36.53 -0.81 0.00	40.55 -0.86 0.00	51.43 -0.99 -0.10	48.65 -0.85 0.00	48.34 -0.70 0.00	51.26 -0.58 0.00	62.74 -0.49 0.00	71.38 -0.25 0.00	87.05 -0.07 0.00	66.04 -0.04 0.00	84.81 0.03 0.00	75.41 0.28 0.00	64.09 0.21 0.00	79.08 0.35 0.00	81.42 0.78 -0.50	92.77 1.37 -3.75	71.51 0.81 -2.99	83.03 0.33 -3.73	66.94 -0.02 -3.50	50.90 -0.20 -0.53
CARTHAGE___PAPER 23857	62.59 2.50 -4.40	52.04 1.46 0.00	44.11 0.86 0.00	38.67 0.63 0.00	38.23 0.88 0.00	42.92 1.51 0.00	55.16 2.72 -0.12	52.26 2.76 0.00	51.76 2.72 0.00	54.63 2.79 0.00	66.88 3.65 0.00	75.28 3.64 0.00	91.62 4.50 0.00	68.19 2.11 0.00	85.90 1.11 0.00	75.70 0.57 0.00	64.35 0.46 0.00	80.00 1.26 0.00	83.29 2.57 -0.58	97.04 4.96 -4.42	75.47 4.23 -3.53	88.19 4.83 -4.40	122.15 5.27 -53.41	72.86 2.90 -19.39
CASSADAGA_WT_PWR 323784	55.80 0.11 0.00	49.66 -0.92 0.00	41.37 -1.89 0.00	36.17 -1.88 0.00	35.66 -1.68 0.00	40.04 -1.36 0.00	51.71 -0.61 0.00	49.71 0.21 0.00	50.57 1.53 0.00	54.98 3.15 0.00	67.91 4.68 0.00	78.94 7.30 0.00	96.35 8.51 -0.72	87.77 5.83 -15.86	101.74 7.26 -9.70	82.77 6.46 -1.19	68.28 4.39 0.00	84.07 5.34 0.00	86.82 6.68 0.00	97.52 9.86 0.00	74.77 7.06 0.00	85.22 6.25 0.00	69.10 5.63 0.00	54.06 3.48 0.00
CE_DUNWOOD___DRP 24194	56.54 0.85 0.00	51.55 0.97 0.00	44.13 0.87 0.00	38.80 0.75 0.00	38.11 0.77 0.00	42.16 0.76 0.00	52.98 0.66 0.00	50.30 0.80 0.00	50.00 0.96 0.00	52.73 0.90 0.00	64.43 1.19 0.00	72.57 0.93 0.00	88.17 1.05 0.00	67.48 1.40 0.00	86.87 2.09 0.00	78.04 2.91 0.00	67.15 3.27 0.00	82.62 3.88 0.00	83.70 3.57 0.00	90.90 3.25 0.00	69.36 1.64 0.00	80.02 1.05 0.00	63.78 0.32 0.00	51.29 0.72 0.00
CE_MILLWOOD___DRP 24193	56.44 0.75 0.00	51.47 0.89 0.00	44.04 0.79 0.00	38.73 0.68 0.00	38.05 0.70 0.00	42.08 0.68 0.00	52.88 0.56 0.00	50.20 0.70 0.00	49.88 0.84 0.00	52.61 0.78 0.00	64.26 1.02 0.00	72.40 0.76 0.00	87.99 0.87 0.00	67.33 1.25 0.00	86.69 1.90 0.00	77.82 2.69 0.00	66.95 3.07 0.00	82.38 3.65 0.00	83.50 3.36 0.00	90.71 3.05 0.00	69.25 1.54 0.00	79.88 0.91 0.00	63.71 0.24 0.00	51.21 0.64 0.00
CE_NYC2_DRP 24202	56.49 0.79 0.00	51.57 0.99 0.00	44.19 0.93 0.00	38.85 0.80 0.00	38.15 0.81 0.00	42.21 0.80 0.00	52.99 0.67 0.00	50.52 1.02 0.00	50.26 1.22 0.00	52.96 1.12 0.00	64.35 1.11 0.00	72.39 0.76 0.00	88.03 0.90 0.00	67.53 1.45 0.00	86.82 2.03 0.00	78.07 2.94 0.00	67.32 3.44 0.00	82.65 3.92 0.00	83.54 3.40 0.00	90.69 3.04 0.00	69.04 1.33 0.00	79.51 0.55 0.00	63.36 -0.10 0.00	51.17 0.59 0.00
CE_NYC_DRP 24195	56.64 0.95 0.00	51.66 1.08 0.00	44.23 0.97 0.00	38.90 0.85 0.00	38.21 0.86 0.00	42.27 0.87 0.00	53.09 0.77 0.00	50.53 1.04 0.00	50.31 1.27 0.00	53.04 1.21 0.00	64.72 1.48 0.00	72.86 1.22 0.00	88.58 1.45 0.00	67.87 1.79 0.00	87.34 2.55 0.00	78.49 3.36 0.00	67.60 3.72 0.00	83.07 4.33 0.00	84.05 3.91 0.00	91.15 3.49 0.00	69.49 1.78 0.00	80.06 1.10 0.00	63.81 0.34 0.00	51.38 0.80 0.00
CHAFFEE___LFGE 323603	56.87 1.18 0.00	50.69 0.11 0.00	42.30 -0.95 0.00	37.04 -1.01 0.00	36.34 -1.00 0.00	40.56 -0.85 0.00	52.01 -0.31 0.00	49.57 0.07 0.00	50.32 1.28 0.00	54.55 2.71 0.00	67.08 3.84 0.00	78.01 6.37 0.00	96.09 8.22 -0.75	87.85 5.28 -16.48	101.40 6.53 -10.07	82.35 5.98 -1.23	67.65 3.77 0.00	83.28 4.54 0.00	85.87 5.73 0.00	96.23 8.58 0.00	74.06 6.34 0.00	84.65 5.68 0.00	68.52 5.06 0.00	54.13 3.55 0.00
CHATEAUG_35_KV_LOAD 355732	58.63 0.76 -2.18	51.20 0.62 0.00	43.72 0.46 0.00	38.48 0.43 0.00	37.70 0.36 0.00	41.80 0.39 0.00	52.92 0.60 0.00	50.30 0.80 0.00	49.82 0.78 0.00	52.82 0.98 0.00	64.36 1.13 0.00	72.89 1.25 0.00	88.54 1.42 0.00	66.78 0.70 0.00	85.54 0.75 0.00	75.07 -0.07 0.00	63.61 -0.28 0.00	78.36 -0.37 0.00	79.57 -0.57 0.00	87.16 -0.50 0.00	67.83 0.12 0.00	79.48 0.52 0.00	41.73 0.68 22.41	52.22 0.41 -1.24
CHATEAUG_WT_PWR 323614	57.18 0.61 -0.87	51.10 0.52 0.00	43.63 0.37 0.00	38.40 0.36 0.00	37.65 0.30 0.00	41.72 0.31 0.00	52.79 0.48 0.00	50.20 0.70 0.00	49.78 0.74 0.00	52.76 0.93 0.00	64.29 1.06 0.00	72.83 1.19 0.00	88.51 1.39 0.00	66.72 0.64 0.00	85.51 0.72 0.00	75.04 -0.09 0.00	63.64 -0.24 0.00	78.40 -0.33 0.00	79.63 -0.51 0.00	87.07 -0.59 0.00	67.62 -0.10 0.00	79.27 0.30 0.00	48.91 0.47 15.02	50.29 0.25 0.54
CHAT_HIGH_FALL_HYD 323578	58.63 0.76 -2.18	51.20 0.62 0.00	43.72 0.46 0.00	38.48 0.43 0.00	37.70 0.36 0.00	41.80 0.39 0.00	52.92 0.60 0.00	50.30 0.80 0.00	49.82 0.78 0.00	52.82 0.98 0.00	64.36 1.13 0.00	72.89 1.25 0.00	88.54 1.42 0.00	66.78 0.70 0.00	85.54 0.75 0.00	75.07 -0.07 0.00	63.61 -0.28 0.00	78.36 -0.37 0.00	79.57 -0.57 0.00	87.16 -0.50 0.00	67.83 0.12 0.00	79.48 0.52 0.00	41.73 0.68 22.41	52.22 0.41 -1.24
CHAUTAUQUA___LFGE 323629	56.16 0.47 0.00	50.07 -0.51 0.00	41.75 -1.50 0.00	36.55 -1.49 0.00	35.96 -1.38 0.00	40.22 -1.18 0.00	51.72 -0.60 0.00	49.51 0.00 0.00	50.21 1.17 0.00	54.40 2.57 0.00	67.05 3.81 0.00	77.93 6.29 0.00	95.61 7.74 -0.74	87.51 5.12 -16.31	101.16 6.40 -9.97	82.03 5.68 -1.22	67.63 3.74 0.00	83.12 4.39 0.00	85.74 5.60 0.00	96.31 8.66 0.00	73.96 6.25 0.00	84.49 5.52 0.00	68.47 5.01 0.00	53.83 3.25 0.00
CHERRYST_13_KV_LD 356241	56.82 1.13 0.00	51.81 1.24 0.00	44.36 1.10 0.00	39.02 0.97 0.00	38.33 0.99 0.00	42.42 1.02 0.00	53.28 0.97 0.00	50.73 1.24 0.00	50.53 1.49 0.00	53.30 1.47 0.00	65.04 1.80 0.00	73.23 1.60 0.00	89.03 1.91 0.00	68.22 2.14 0.00	87.80 3.01 0.00	78.88 3.75 0.00	67.95 4.07 0.00	83.49 4.75 0.00	84.42 4.29 0.00	91.53 3.88 0.00	69.76 2.05 0.00	80.36 1.39 0.00	64.05 0.59 0.00	51.57 0.99 0.00

CHESTROR_138KV_BK263 355645	56.21 0.52 0.00	51.22 0.64 0.00	43.83 0.57 0.00	38.55 0.51 0.00	37.86 0.52 0.00	41.88 0.47 0.00	52.69 0.37 0.00	49.94 0.44 0.00	49.54 0.50 0.00	52.25 0.41 0.00	63.81 0.57 0.00	71.98 0.34 0.00	87.51 0.39 0.00	66.88 0.80 0.00	86.05 1.26 0.00	77.15 2.02 0.00	66.30 2.41 0.00	81.69 2.95 0.00	82.97 2.83 0.00	90.31 2.65 0.00	69.04 1.33 0.00	79.73 0.76 0.00	63.66 0.19 0.00	51.04 0.46 0.00
CH_MIDHUDSON___DRP 24192	56.64 0.95 0.00	51.65 1.07 0.00	44.20 0.94 0.00	38.87 0.82 0.00	38.18 0.83 0.00	42.23 0.83 0.00	53.10 0.78 0.00	50.34 0.84 0.00	49.96 0.92 0.00	52.65 0.82 0.00	64.24 1.00 0.00	72.38 0.74 0.00	88.07 0.95 0.00	67.36 1.28 0.00	86.73 1.94 0.00	77.81 2.69 0.00	66.93 3.05 0.00	82.43 3.70 0.00	83.61 3.48 0.00	90.84 3.18 0.00	69.42 1.71 0.00	80.19 1.22 0.00	63.92 0.45 0.00	51.30 0.72 0.00
CH_MISC_IPPS 23765	57.03 1.34 0.00	51.96 1.38 0.00	44.44 1.18 0.00	39.07 1.03 0.00	38.38 1.04 0.00	42.46 1.05 0.00	53.43 1.11 0.00	50.68 1.18 0.00	50.27 1.23 0.00	52.92 1.08 0.00	64.47 1.23 0.00	72.57 0.93 0.00	88.28 1.16 0.00	67.55 1.47 0.00	87.01 2.23 0.00	78.11 2.98 0.00	67.21 3.33 0.00	82.75 4.02 0.00	83.93 3.80 0.00	91.09 3.44 0.00	69.60 1.89 0.00	80.27 1.30 0.00	63.97 0.50 0.00	51.38 0.81 0.00
CH_RES_BVR_FALLS 23983	55.49 -0.20 0.00	50.33 -0.25 0.00	43.03 -0.23 0.00	37.86 -0.18 0.00	37.20 -0.14 0.00	41.28 -0.12 0.00	52.25 -0.06 0.00	49.49 -0.01 0.00	49.11 0.07 0.00	51.97 0.14 0.00	63.42 0.18 0.00	71.63 -0.01 0.00	86.87 -0.25 0.00	65.72 -0.37 0.00	84.15 -0.63 0.00	74.39 -0.75 0.00	63.15 -0.73 0.00	77.83 -0.91 0.00	79.14 -1.00 0.00	86.55 -1.11 0.00	66.93 -0.78 0.00	78.24 -0.73 0.00	59.31 -0.51 3.64	49.55 -0.40 0.63
CH_RES_NIAGARA 23895	55.95 0.26 0.00	49.87 -0.71 0.00	41.64 -1.61 0.00	36.43 -1.62 0.00	35.69 -1.65 0.00	39.89 -1.51 0.00	51.15 -1.16 0.00	48.69 -0.81 0.00	49.38 0.33 0.00	53.53 1.70 0.00	65.72 2.48 0.00	76.45 4.81 0.00	94.11 6.16 -0.83	87.22 2.89 -18.25	99.12 3.18 -11.15	79.84 3.35 -1.36	65.03 1.15 0.00	79.46 0.72 0.00	81.78 1.64 0.00	91.69 4.03 0.00	71.01 3.30 0.00	81.60 2.63 0.00	66.56 3.09 0.00	52.97 2.39 0.00
CH_RES_SYRACUSE 23985	55.57 -0.12 0.00	50.27 -0.31 0.00	42.81 -0.44 0.00	37.60 -0.44 0.00	36.91 -0.43 0.00	40.98 -0.43 0.00	52.06 -0.44 -0.18	49.16 -0.34 0.00	48.75 -0.29 0.00	51.60 -0.23 0.00	63.29 0.05 0.00	71.95 0.31 0.00	87.47 0.35 0.00	66.29 0.21 0.00	85.12 0.33 0.00	75.59 0.46 0.00	64.21 0.33 0.00	79.34 0.61 0.00	82.15 1.11 -0.90	96.38 1.90 -6.83	74.36 1.20 -5.45	86.53 0.77 -6.79	67.24 0.31 -3.46	51.06 0.03 -0.46
CLINTON_WT_PWR 323605	57.18 0.61 -0.87	51.10 0.52 0.00	43.63 0.37 0.00	38.40 0.36 0.00	37.65 0.30 0.00	41.72 0.31 0.00	52.79 0.48 0.00	50.20 0.70 0.00	49.78 0.74 0.00	52.76 0.93 0.00	64.29 1.06 0.00	72.83 1.19 0.00	88.51 1.39 0.00	66.72 0.64 0.00	85.51 0.72 0.00	75.04 -0.09 0.00	63.64 -0.24 0.00	78.40 -0.33 0.00	79.63 -0.51 0.00	87.07 -0.59 0.00	67.62 -0.10 0.00	79.27 0.30 0.00	48.91 0.47 15.02	50.29 0.25 0.54
CLINTON___LFGE 323618	58.12 1.21 -1.22	51.70 1.12 0.00	44.09 0.83 0.00	38.81 0.77 0.00	38.05 0.71 0.00	42.15 0.74 0.00	53.31 0.99 0.00	50.69 1.19 0.00	50.08 1.04 0.00	53.04 1.20 0.00	64.65 1.41 0.00	73.32 1.68 0.00	89.27 2.15 0.00	67.21 1.12 0.00	86.29 1.50 0.00	75.60 0.47 0.00	64.27 0.39 0.00	79.23 0.50 0.00	80.69 0.55 0.00	88.46 0.81 0.00	68.79 1.08 0.00	80.46 1.49 0.00	47.76 1.27 16.97	51.27 0.77 0.07
COBBLENY_34_KV_TB1 80064	56.87 1.18 0.00	50.68 0.10 0.00	42.30 -0.95 0.00	37.04 -1.01 0.00	36.34 -1.01 0.00	40.56 -0.84 0.00	52.01 -0.31 0.00	49.57 0.07 0.00	50.31 1.27 0.00	54.55 2.72 0.00	67.08 3.84 0.00	78.01 6.37 0.00	96.09 8.22 -0.75	87.84 5.27 -16.48	101.40 6.54 -10.07	82.33 5.97 -1.23	67.65 3.77 0.00	83.28 4.54 0.00	85.83 5.70 0.00	96.16 8.51 0.00	74.05 6.34 0.00	84.66 5.69 0.00	68.51 5.05 0.00	54.13 3.56 0.00
COFFEEN___115KV_TB3 355620	62.40 3.07 -3.63	52.47 1.89 0.00	44.39 1.13 0.00	38.90 0.85 0.00	38.45 1.11 0.00	43.20 1.79 0.00	55.63 3.16 -0.15	52.65 3.15 0.00	52.23 3.19 0.00	55.17 3.33 0.00	67.90 4.66 0.00	76.07 4.43 0.00	93.15 6.03 0.00	69.39 3.31 0.00	88.09 3.30 0.00	77.68 2.55 0.00	66.03 2.14 0.00	82.13 3.40 0.00	85.88 5.03 -0.71	101.26 8.20 -5.40	78.81 6.79 -4.31	91.94 7.61 -5.37	114.13 6.38 -44.28	70.16 3.58 -16.00
COLDSPRG_115KV_BK1 355956	56.68 0.99 0.00	50.60 0.02 0.00	42.27 -0.99 0.00	37.02 -1.03 0.00	36.42 -0.92 0.00	40.77 -0.63 0.00	52.40 0.08 0.00	50.23 0.73 0.00	50.95 1.91 0.00	55.13 3.30 0.00	67.74 4.50 0.00	78.44 6.80 0.00	95.51 7.70 -0.69	86.50 5.27 -15.15	100.61 6.56 -9.26	82.24 5.97 -1.13	68.11 4.23 0.00	83.94 5.21 0.00	86.61 6.48 0.00	97.14 9.49 0.00	74.41 6.70 0.00	84.88 5.92 0.00	68.94 5.47 0.00	54.18 3.61 0.00
COLONIE_LFGE___ 323577	57.14 1.45 0.00	52.06 1.48 0.00	44.68 1.43 0.00	39.31 1.27 0.00	38.58 1.24 0.00	42.72 1.31 0.00	53.77 1.46 0.00	50.71 1.21 0.00	49.98 0.94 0.00	52.45 0.62 0.00	63.81 0.57 0.00	72.01 0.37 0.00	87.81 0.69 0.00	66.80 0.71 0.00	85.89 1.10 0.00	76.67 1.54 0.00	65.41 1.53 0.00	80.94 2.21 0.00	82.57 2.43 0.00	90.13 2.48 0.00	69.34 1.62 0.00	80.75 1.78 0.00	64.53 1.07 0.00	51.44 0.87 0.00
COOPERNY_115KV_TB1 80082	56.01 0.32 0.00	51.02 0.44 0.00	43.64 0.39 0.00	38.39 0.35 0.00	37.71 0.36 0.00	41.72 0.32 0.00	52.56 0.24 0.00	49.75 0.26 0.00	49.33 0.29 0.00	52.10 0.26 0.00	63.61 0.38 0.00	71.89 0.26 0.00	87.43 0.30 0.00	66.67 0.59 0.00	85.70 0.91 0.00	76.60 1.47 0.00	65.67 1.79 0.00	80.89 2.15 0.00	82.29 2.15 0.00	89.73 2.08 0.00	68.75 1.04 0.00	79.57 0.60 0.00	63.65 0.18 0.00	50.91 0.33 0.00
COPENHAGEN_WT_PWR 323753	60.84 1.71 -3.43	51.21 0.63 0.00	43.26 0.01 0.00	37.90 -0.14 0.00	37.54 0.20 0.00	42.24 0.84 0.00	54.52 2.05 -0.15	51.69 2.19 0.00	51.46 2.42 0.00	54.41 2.58 0.00	67.04 3.80 0.00	75.31 3.67 0.00	91.94 4.82 0.00	68.61 2.53 0.00	87.13 2.34 0.00	76.90 1.77 0.00	65.33 1.45 0.00	81.14 2.41 0.00	84.67 3.78 -0.75	99.78 6.46 -5.66	77.57 5.34 -4.51	90.26 5.66 -5.63	110.10 4.78 -41.85	67.92 2.25 -15.10
CORNELL_____ 23752	56.57 0.88 0.00	51.20 0.62 0.00	43.55 0.29 0.00	38.25 0.20 0.00	37.58 0.24 0.00	41.74 0.33 0.00	53.01 0.59 -0.10	50.12 0.61 0.00	49.59 0.55 0.00	52.40 0.57 0.00	63.89 0.65 0.00	72.69 1.05 0.00	88.55 1.42 0.00	67.24 1.16 0.00	86.34 1.56 0.00	76.85 1.72 0.00	65.54 1.65 0.00	81.14 2.41 0.00	84.12 3.49 -0.49	96.50 5.11 -3.74	74.29 3.60 -2.98	85.97 3.29 -3.72	66.20 2.30 -0.44	52.03 1.45 0.00

CORONA__69_KV_TB1 355595	57.08 1.40 0.00	51.93 1.35 0.00	44.40 1.14 0.00	39.02 0.97 0.00	38.32 0.98 0.00	42.35 0.95 0.00	53.09 0.77 0.00	50.33 0.83 0.00	50.18 1.14 0.00	53.13 1.30 0.00	65.56 2.32 0.00	73.30 1.66 0.00	88.46 1.34 0.00	67.93 1.85 0.00	87.73 2.94 0.00	79.26 3.94 -0.19	68.11 4.23 0.00	83.56 4.83 0.00	84.94 4.36 -0.44	92.68 3.71 -1.32	69.79 1.97 -0.10	80.38 1.42 0.00	64.02 0.56 0.00	51.96 1.38 0.00
CORTLAND__115KV_TB3 80093	56.07 0.38 0.00	50.79 0.21 0.00	43.24 -0.02 0.00	38.01 -0.04 0.00	37.32 -0.03 0.00	41.44 0.03 0.00	52.59 0.16 -0.11	49.72 0.22 0.00	49.28 0.24 0.00	52.12 0.29 0.00	63.58 0.34 0.00	72.28 0.65 0.00	88.06 0.94 0.00	66.85 0.77 0.00	85.88 1.10 0.00	76.37 1.24 0.00	65.11 1.22 0.00	80.39 1.66 0.00	82.97 2.31 -0.52	94.99 3.43 -3.90	73.14 2.31 -3.12	84.81 1.96 -3.88	65.23 1.31 -0.45	51.41 0.84 0.00
COXSACKIE__GT 23611	58.79 3.10 0.00	53.48 2.90 0.00	45.81 2.55 0.00	40.28 2.24 0.00	39.52 2.18 0.00	43.85 2.45 0.00	55.24 2.92 0.00	52.13 2.63 0.00	50.96 1.91 0.00	53.04 1.21 0.00	64.61 1.37 0.00	72.67 1.03 0.00	88.58 1.46 0.00	66.90 0.82 0.00	86.07 1.29 0.00	76.90 1.76 0.00	65.77 1.88 0.00	81.58 2.85 0.00	84.26 4.12 0.00	92.97 5.32 0.00	71.61 3.89 0.00	83.02 4.05 0.00	66.03 2.57 0.00	52.33 1.76 0.00
CPV_VALLEY__CC1 323721	55.84 0.14 0.00	50.88 0.30 0.00	43.55 0.30 0.00	38.33 0.28 0.00	37.64 0.30 0.00	41.63 0.23 0.00	52.38 0.06 0.00	49.63 0.13 0.00	49.23 0.19 0.00	51.94 0.10 0.00	63.43 0.19 0.00	71.57 -0.07 0.00	87.00 -0.12 0.00	66.44 0.36 0.00	85.47 0.68 0.00	76.54 1.41 0.00	65.73 1.85 0.00	80.94 2.21 0.00	82.22 2.08 0.00	89.50 1.84 0.00	68.46 0.74 0.00	79.12 0.15 0.00	63.21 -0.25 0.00	50.69 0.11 0.00
CPV_VALLEY__CC2 323722	55.84 0.14 0.00	50.88 0.30 0.00	43.55 0.30 0.00	38.33 0.28 0.00	37.64 0.30 0.00	41.63 0.23 0.00	52.38 0.06 0.00	49.63 0.13 0.00	49.23 0.19 0.00	51.94 0.10 0.00	63.43 0.19 0.00	71.57 -0.07 0.00	87.00 -0.12 0.00	66.44 0.36 0.00	85.47 0.68 0.00	76.54 1.41 0.00	65.73 1.85 0.00	80.94 2.21 0.00	82.22 2.08 0.00	89.50 1.84 0.00	68.46 0.74 0.00	79.12 0.15 0.00	63.21 -0.25 0.00	50.69 0.11 0.00
CRESCENT__HYD 24018	57.14 1.45 0.00	52.06 1.48 0.00	44.68 1.43 0.00	39.31 1.27 0.00	38.58 1.24 0.00	42.72 1.31 0.00	53.77 1.46 0.00	50.71 1.21 0.00	49.98 0.94 0.00	52.45 0.62 0.00	63.81 0.57 0.00	72.01 0.37 0.00	87.81 0.69 0.00	66.80 0.71 0.00	85.89 1.10 0.00	76.67 1.54 0.00	65.41 1.53 0.00	80.94 2.21 0.00	82.57 2.43 0.00	90.13 2.48 0.00	69.34 1.62 0.00	80.75 1.78 0.00	64.53 1.07 0.00	51.44 0.87 0.00
CRICKET__VALLEY_CC1 323756	55.94 0.25 0.00	51.06 0.48 0.00	43.70 0.44 0.00	38.44 0.40 0.00	37.77 0.43 0.00	41.75 0.34 0.00	52.43 0.11 0.00	49.70 0.20 0.00	49.27 0.23 0.00	51.86 0.02 0.00	63.17 -0.07 0.00	71.15 -0.48 0.00	86.71 -0.41 0.00	66.32 0.23 0.00	85.44 0.66 0.00	76.67 1.54 0.00	65.89 2.00 0.00	81.21 2.48 0.00	82.34 2.21 0.00	89.49 1.83 0.00	68.46 0.75 0.00	79.19 0.22 0.00	63.14 -0.32 0.00	50.66 0.09 0.00
CRICKET__VALLEY_CC2 323757	55.94 0.25 0.00	51.06 0.48 0.00	43.70 0.44 0.00	38.44 0.40 0.00	37.77 0.43 0.00	41.75 0.34 0.00	52.43 0.11 0.00	49.70 0.20 0.00	49.27 0.23 0.00	51.86 0.02 0.00	63.17 -0.07 0.00	71.15 -0.48 0.00	86.71 -0.41 0.00	66.32 0.23 0.00	85.44 0.66 0.00	76.67 1.54 0.00	65.89 2.00 0.00	81.21 2.48 0.00	82.34 2.21 0.00	89.49 1.83 0.00	68.46 0.75 0.00	79.19 0.22 0.00	63.14 -0.32 0.00	50.66 0.09 0.00
CRICKET__VALLEY_CC3 323758	55.94 0.25 0.00	51.06 0.48 0.00	43.70 0.44 0.00	38.44 0.40 0.00	37.77 0.43 0.00	41.75 0.34 0.00	52.43 0.11 0.00	49.70 0.20 0.00	49.27 0.23 0.00	51.86 0.02 0.00	63.17 -0.07 0.00	71.15 -0.48 0.00	86.71 -0.41 0.00	66.32 0.23 0.00	85.44 0.66 0.00	76.67 1.54 0.00	65.89 2.00 0.00	81.21 2.48 0.00	82.34 2.21 0.00	89.49 1.83 0.00	68.46 0.75 0.00	79.19 0.22 0.00	63.14 -0.32 0.00	50.66 0.09 0.00
CRUCIBLE__METL_DRP 24180	55.57 -0.12 0.00	50.27 -0.31 0.00	42.81 -0.44 0.00	37.60 -0.45 0.00	36.91 -0.43 0.00	40.98 -0.43 0.00	52.06 -0.44 -0.18	49.16 -0.34 0.00	48.75 -0.29 0.00	51.59 -0.24 0.00	63.29 0.06 0.00	71.95 0.31 0.00	87.47 0.35 0.00	66.29 0.21 0.00	85.12 0.33 0.00	75.58 0.45 0.00	64.21 0.33 0.00	79.34 0.60 0.00	82.14 1.10 -0.90	96.38 1.90 -6.83	74.36 1.20 -5.45	86.52 0.77 -6.79	67.23 0.30 -3.46	51.06 0.03 -0.46
DAHOWA__HYDRO 323763	58.20 2.51 0.00	52.84 2.27 0.00	45.29 2.04 0.00	39.88 1.83 0.00	39.15 1.81 0.00	43.36 1.96 0.00	54.62 2.30 0.00	51.56 2.05 0.00	50.76 1.72 0.00	53.27 1.44 0.00	64.83 1.60 0.00	73.15 1.51 0.00	89.35 2.23 0.00	68.14 2.05 0.00	87.73 2.94 0.00	78.28 3.15 0.00	66.97 3.09 0.00	83.21 4.48 0.00	85.21 5.07 0.00	93.34 5.68 0.00	71.63 3.92 0.00	83.25 4.28 0.00	66.33 2.86 0.00	52.71 2.13 0.00
DANC__LFGE 323619	58.78 0.79 -2.30	50.67 0.09 0.00	42.95 -0.31 0.00	37.68 -0.37 0.00	37.17 -0.17 0.00	41.62 0.22 0.00	53.42 0.91 -0.19	50.54 1.04 0.00	50.23 1.19 0.00	53.12 1.28 0.00	65.61 2.37 0.00	74.03 2.39 0.00	90.13 3.01 0.00	67.40 1.31 0.00	85.93 1.14 0.00	76.02 0.89 0.00	64.53 0.65 0.00	80.01 1.28 0.00	83.40 2.32 -0.94	98.93 4.19 -7.08	76.74 3.38 -5.65	89.43 3.42 -7.05	94.84 2.89 -28.49	61.97 1.26 -10.14
DANSKAMMER__1 23586	57.03 1.34 0.00	51.96 1.38 0.00	44.44 1.18 0.00	39.07 1.03 0.00	38.38 1.04 0.00	42.46 1.05 0.00	53.43 1.11 0.00	50.68 1.18 0.00	50.27 1.23 0.00	52.92 1.08 0.00	64.47 1.23 0.00	72.57 0.93 0.00	88.28 1.16 0.00	67.55 1.47 0.00	87.01 2.23 0.00	78.11 2.98 0.00	67.21 3.33 0.00	82.75 4.02 0.00	83.93 3.80 0.00	91.09 3.44 0.00	69.60 1.89 0.00	80.27 1.30 0.00	63.97 0.50 0.00	51.38 0.81 0.00
DANSKAMMER__2 23589	57.03 1.34 0.00	51.96 1.38 0.00	44.44 1.18 0.00	39.07 1.03 0.00	38.38 1.04 0.00	42.46 1.05 0.00	53.43 1.11 0.00	50.68 1.18 0.00	50.27 1.23 0.00	52.92 1.08 0.00	64.47 1.23 0.00	72.57 0.93 0.00	88.28 1.16 0.00	67.55 1.47 0.00	87.01 2.23 0.00	78.11 2.98 0.00	67.21 3.33 0.00	82.75 4.02 0.00	83.93 3.80 0.00	91.09 3.44 0.00	69.60 1.89 0.00	80.27 1.30 0.00	63.97 0.50 0.00	51.38 0.81 0.00
DANSKAMMER__3 23590	57.03 1.34 0.00	51.96 1.38 0.00	44.44 1.18 0.00	39.07 1.03 0.00	38.38 1.04 0.00	42.46 1.05 0.00	53.43 1.11 0.00	50.68 1.18 0.00	50.27 1.23 0.00	52.92 1.08 0.00	64.47 1.23 0.00	72.57 0.93 0.00	88.28 1.16 0.00	67.55 1.47 0.00	87.01 2.23 0.00	78.11 2.98 0.00	67.21 3.33 0.00	82.75 4.02 0.00	83.93 3.80 0.00	91.09 3.44 0.00	69.60 1.89 0.00	80.27 1.30 0.00	63.97 0.50 0.00	51.38 0.81 0.00

DANSKAMMER___4 23591	57.03 1.34 0.00	51.96 1.38 0.00	44.44 1.18 0.00	39.07 1.03 0.00	38.38 1.04 0.00	42.46 1.05 0.00	53.43 1.11 0.00	50.68 1.18 0.00	50.27 1.23 0.00	52.92 1.08 0.00	64.47 1.23 0.00	72.57 0.93 0.00	88.28 1.16 0.00	67.55 1.47 0.00	87.01 2.23 0.00	78.11 2.98 0.00	67.21 3.33 0.00	82.75 4.02 0.00	83.93 3.80 0.00	91.09 3.44 0.00	69.60 1.89 0.00	80.27 1.30 0.00	63.97 0.50 0.00	51.38 0.81 0.00
DANSKAMMER___DIESEL 23592	57.03 1.34 0.00	51.96 1.38 0.00	44.44 1.18 0.00	39.07 1.03 0.00	38.38 1.04 0.00	42.46 1.05 0.00	53.42 1.11 0.00	50.68 1.18 0.00	50.26 1.22 0.00	52.92 1.08 0.00	64.47 1.23 0.00	72.58 0.94 0.00	88.28 1.16 0.00	67.56 1.48 0.00	87.01 2.23 0.00	78.11 2.98 0.00	67.21 3.33 0.00	82.75 4.02 0.00	83.93 3.80 0.00	91.10 3.45 0.00	69.60 1.89 0.00	80.27 1.30 0.00	63.98 0.51 0.00	51.38 0.81 0.00
DARBY___SOLAR 323810	57.91 2.22 0.00	52.63 2.05 0.00	45.11 1.85 0.00	39.70 1.65 0.00	38.99 1.65 0.00	43.18 1.78 0.00	54.38 2.06 0.00	51.32 1.82 0.00	50.51 1.48 0.00	53.00 1.17 0.00	64.50 1.26 0.00	72.76 1.12 0.00	88.82 1.69 0.00	67.71 1.63 0.00	87.19 2.40 0.00	77.80 2.67 0.00	66.53 2.65 0.00	82.61 3.88 0.00	84.56 4.42 0.00	92.60 4.94 0.00	71.09 3.38 0.00	82.65 3.68 0.00	65.91 2.45 0.00	52.41 1.83 0.00
DASHVILLE___HYD 23610	56.27 0.58 0.00	51.33 0.75 0.00	43.93 0.67 0.00	38.62 0.58 0.00	37.93 0.58 0.00	41.96 0.55 0.00	52.86 0.54 0.00	50.11 0.61 0.00	49.66 0.62 0.00	52.33 0.50 0.00	64.15 0.91 0.00	71.94 0.30 0.00	87.47 0.34 0.00	66.93 0.85 0.00	86.14 1.36 0.00	77.26 2.13 0.00	66.45 2.56 0.00	81.90 3.17 0.00	83.18 3.04 0.00	90.46 2.80 0.00	69.18 1.48 0.00	79.94 0.97 0.00	63.76 0.30 0.00	51.12 0.54 0.00
DELAWARE___LFGE 323621	56.26 0.57 0.00	51.36 0.78 0.00	43.95 0.69 0.00	38.62 0.57 0.00	37.94 0.60 0.00	42.06 0.65 0.00	53.16 0.81 -0.04	50.16 0.65 0.00	49.65 0.60 0.00	52.53 0.69 0.00	64.15 0.91 0.00	72.72 1.08 0.00	88.41 1.29 0.00	67.24 1.15 0.00	86.30 1.52 0.00	76.81 1.68 0.00	65.62 1.74 0.00	80.89 2.15 0.00	82.68 2.37 -0.17	91.71 2.74 -1.31	70.54 1.78 -1.05	81.87 1.60 -1.31	64.66 1.05 -0.15	51.31 0.73 0.00
DERFIELD_115KV_TB7 355931	55.64 -0.05 0.00	50.58 0.00 0.00	43.27 0.02 0.00	38.08 0.03 0.00	37.38 0.04 0.00	41.45 0.04 0.00	52.33 0.01 0.00	49.47 -0.03 0.00	48.94 -0.10 0.00	51.69 -0.15 0.00	63.01 -0.23 0.00	71.34 -0.30 0.00	86.81 -0.31 0.00	65.95 -0.13 0.00	84.63 -0.15 0.00	75.18 0.05 0.00	64.06 0.17 0.00	78.98 0.24 0.00	80.48 0.34 0.00	88.07 0.41 0.00	67.91 0.20 0.00	79.05 0.09 0.00	63.40 -0.06 0.00	50.52 -0.05 0.00
DOGLEVILLE___HYD 23807	57.26 1.57 0.00	52.24 1.66 0.00	44.77 1.51 0.00	39.40 1.36 0.00	38.74 1.40 0.00	42.92 1.51 0.00	53.95 1.63 0.00	50.50 1.00 0.00	48.91 -0.13 0.00	51.03 -0.81 0.00	61.84 -1.40 0.00	70.01 -1.63 0.00	85.46 -1.66 0.00	65.11 -0.97 0.00	83.93 -0.85 0.00	75.21 0.08 0.00	64.62 0.73 0.00	80.45 1.72 0.00	83.01 2.87 0.00	91.73 4.07 0.00	70.57 2.86 0.00	81.78 2.81 0.00	64.96 1.50 0.00	51.38 0.81 0.00
DUNKIRK__115KV_TB_200 55889	56.20 0.51 0.00	50.11 -0.47 0.00	41.80 -1.46 0.00	36.60 -1.44 0.00	36.00 -1.34 0.00	40.24 -1.17 0.00	51.71 -0.61 0.00	49.46 -0.04 0.00	50.16 1.12 0.00	54.32 2.49 0.00	66.93 3.69 0.00	77.75 6.11 0.00	95.42 7.55 -0.74	87.37 4.94 -16.35	100.99 6.20 -10.00	81.86 5.51 -1.22	67.48 3.60 0.00	82.94 4.21 0.00	85.53 5.39 0.00	96.03 8.37 0.00	73.76 6.05 0.00	84.30 5.33 0.00	68.32 4.86 0.00	53.77 3.19 0.00
DUNKIRK___1 23563	56.20 0.51 0.00	50.11 -0.47 0.00	41.80 -1.46 0.00	36.60 -1.44 0.00	36.00 -1.34 0.00	40.24 -1.17 0.00	51.71 -0.61 0.00	49.46 -0.04 0.00	50.16 1.12 0.00	54.32 2.49 0.00	66.93 3.69 0.00	77.75 6.11 0.00	95.42 7.55 -0.74	87.37 4.94 -16.35	100.99 6.20 -10.00	81.86 5.51 -1.22	67.48 3.60 0.00	82.94 4.21 0.00	85.53 5.39 0.00	96.03 8.37 0.00	73.76 6.05 0.00	84.30 5.33 0.00	68.32 4.86 0.00	53.77 3.19 0.00
DUNKIRK___2 23564	56.20 0.51 0.00	50.11 -0.47 0.00	41.80 -1.46 0.00	36.60 -1.44 0.00	36.00 -1.34 0.00	40.24 -1.17 0.00	51.71 -0.61 0.00	49.46 -0.04 0.00	50.16 1.12 0.00	54.32 2.49 0.00	66.93 3.69 0.00	77.75 6.11 0.00	95.42 7.55 -0.74	87.37 4.94 -16.35	100.99 6.20 -10.00	81.86 5.51 -1.22	67.48 3.60 0.00	82.94 4.21 0.00	85.53 5.39 0.00	96.03 8.37 0.00	73.76 6.05 0.00	84.30 5.33 0.00	68.32 4.86 0.00	53.77 3.19 0.00
DUNKIRK___3 23565	56.21 0.51 0.00	50.15 -0.43 0.00	41.87 -1.39 0.00	36.68 -1.36 0.00	36.05 -1.29 0.00	40.26 -1.14 0.00	51.66 -0.66 0.00	49.33 -0.17 0.00	50.01 0.97 0.00	54.15 2.31 0.00	66.62 3.38 0.00	77.34 5.70 0.00	95.00 7.13 -0.75	87.04 4.56 -16.39	100.49 5.68 -10.02	81.48 5.12 -1.22	67.13 3.25 0.00	82.50 3.77 0.00	85.02 4.89 0.00	95.41 7.75 0.00	73.32 5.61 0.00	83.85 4.88 0.00	67.96 4.50 0.00	53.58 3.00 0.00
DUNKIRK___4 23566	56.21 0.51 0.00	50.15 -0.43 0.00	41.87 -1.39 0.00	36.68 -1.36 0.00	36.05 -1.29 0.00	40.26 -1.14 0.00	51.66 -0.66 0.00	49.33 -0.17 0.00	50.01 0.97 0.00	54.15 2.31 0.00	66.62 3.38 0.00	77.34 5.70 0.00	95.00 7.13 -0.75	87.04 4.56 -16.39	100.49 5.68 -10.02	81.48 5.12 -1.22	67.13 3.25 0.00	82.50 3.77 0.00	85.02 4.89 0.00	95.41 7.75 0.00	73.32 5.61 0.00	83.85 4.88 0.00	67.96 4.50 0.00	53.58 3.00 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	56.66 0.97 0.00	51.67 1.09 0.00	44.22 0.96 0.00	38.88 0.84 0.00	38.19 0.85 0.00	42.25 0.85 0.00	53.08 0.77 0.00	50.43 0.93 0.00	50.12 1.08 0.00	52.87 1.04 0.00	64.59 1.35 0.00	72.71 1.08 0.00	88.34 1.21 0.00	67.62 1.54 0.00	87.07 2.28 0.00	78.20 3.07 0.00	67.32 3.44 0.00	82.80 4.07 0.00	83.87 3.73 0.00	91.03 3.37 0.00	69.46 1.75 0.00	80.11 1.15 0.00	63.87 0.40 0.00	51.37 0.80 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	56.56 0.87 0.00	51.53 0.95 0.00	44.08 0.82 0.00	38.77 0.72 0.00	38.08 0.73 0.00	42.12 0.71 0.00	52.99 0.67 0.00	50.24 0.74 0.00	49.85 0.81 0.00	52.55 0.72 0.00	64.12 0.88 0.00	72.27 0.63 0.00	87.90 0.78 0.00	67.22 1.14 0.00	86.53 1.75 0.00	77.63 2.50 0.00	66.80 2.92 0.00	82.28 3.55 0.00	83.54 3.40 0.00	90.84 3.18 0.00	69.41 1.70 0.00	80.11 1.14 0.00	63.89 0.43 0.00	51.24 0.67 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	56.50 0.81 0.00	51.54 0.96 0.00	44.19 0.93 0.00	38.86 0.81 0.00	38.15 0.81 0.00	42.18 0.77 0.00	52.99 0.67 0.00	50.50 1.00 0.00	50.24 1.20 0.00	52.87 1.04 0.00	64.27 1.04 0.00	72.36 0.72 0.00	88.00 0.87 0.00	67.50 1.41 0.00	86.74 1.96 0.00	77.94 2.81 0.00	67.18 3.30 0.00	82.50 3.77 0.00	83.42 3.29 0.00	90.63 2.98 0.00	69.01 1.30 0.00	79.55 0.58 0.00	63.41 -0.06 0.00	51.22 0.64 0.00

E179THST_13_KV_LOAD 356214	56.84 1.15 0.00	51.85 1.27 0.00	44.43 1.17 0.00	39.07 1.02 0.00	38.35 1.01 0.00	42.40 1.00 0.00	53.31 0.99 0.00	50.81 1.31 0.00	50.56 1.52 0.00	53.22 1.39 0.00	64.70 1.47 0.00	72.88 1.24 0.00	88.62 1.50 0.00	67.99 1.91 0.00	87.37 2.59 0.00	78.52 3.38 0.00	67.63 3.75 0.00	83.12 4.39 0.00	84.01 3.87 0.00	91.30 3.64 0.00	69.51 1.80 0.00	80.15 1.18 0.00	63.87 0.40 0.00	51.57 0.99 0.00
EAST HAMPTON___GT 23717	57.89 2.20 0.00	52.72 2.14 0.00	44.90 1.64 0.00	39.38 1.34 0.00	38.76 1.41 0.00	42.62 1.22 0.00	53.28 0.96 0.00	50.46 0.96 0.00	50.80 1.76 0.00	54.38 2.55 0.00	68.58 5.35 0.00	76.35 4.71 0.00	91.45 4.97 0.64	70.23 4.15 0.00	95.04 5.92 -4.34	181.19 7.26 -98.81	208.75 6.43 -138.43	201.17 7.03 -115.41	172.44 5.81 -86.49	95.27 3.93 -3.69	69.97 2.35 0.09	80.74 1.77 0.00	63.43 -0.03 0.00	52.07 1.49 0.00
EAST RIVER___6 23660	56.64 0.95 0.00	51.64 1.06 0.00	44.20 0.94 0.00	38.87 0.83 0.00	38.18 0.84 0.00	42.27 0.86 0.00	53.10 0.78 0.00	50.51 1.01 0.00	50.32 1.28 0.00	53.08 1.24 0.00	64.76 1.52 0.00	72.90 1.26 0.00	88.63 1.51 0.00	67.96 1.88 0.00	87.42 2.64 0.00	78.62 3.48 0.00	67.71 3.83 0.00	83.19 4.45 0.00	84.13 3.99 0.00	91.20 3.55 0.00	69.54 1.83 0.00	80.06 1.10 0.00	63.86 0.39 0.00	51.42 0.84 0.00
EAST RIVER___7 23524	56.64 0.95 0.00	51.64 1.06 0.00	44.20 0.94 0.00	38.87 0.83 0.00	38.18 0.84 0.00	42.27 0.86 0.00	53.10 0.78 0.00	50.51 1.01 0.00	50.32 1.28 0.00	53.08 1.24 0.00	64.76 1.52 0.00	72.90 1.26 0.00	88.63 1.51 0.00	67.96 1.88 0.00	87.42 2.64 0.00	78.62 3.48 0.00	67.71 3.83 0.00	83.19 4.45 0.00	84.13 3.99 0.00	91.20 3.55 0.00	69.54 1.83 0.00	80.06 1.10 0.00	63.86 0.39 0.00	51.42 0.84 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	56.54 0.85 0.00	51.55 0.97 0.00	44.13 0.87 0.00	38.80 0.75 0.00	38.11 0.77 0.00	42.16 0.76 0.00	52.98 0.66 0.00	50.30 0.80 0.00	50.00 0.96 0.00	52.73 0.90 0.00	64.43 1.19 0.00	72.57 0.93 0.00	88.17 1.05 0.00	67.48 1.40 0.00	86.87 2.09 0.00	78.04 2.91 0.00	67.15 3.27 0.00	82.62 3.88 0.00	83.70 3.57 0.00	90.90 3.25 0.00	69.36 1.64 0.00	80.02 1.05 0.00	63.78 0.32 0.00	51.29 0.72 0.00
EAST_HAMPTON___DIESEL 23722	57.86 2.17 0.00	52.69 2.11 0.00	44.86 1.61 0.00	39.35 1.30 0.00	38.74 1.40 0.00	42.59 1.19 0.00	53.23 0.91 0.00	50.42 0.91 0.00	50.77 1.73 0.00	54.34 2.51 0.00	68.54 5.30 0.00	76.32 4.68 0.00	91.42 4.94 0.64	70.19 4.10 0.00	95.05 5.93 -4.34	181.21 7.27 -98.80	208.71 6.40 -138.43	201.10 6.96 -115.41	172.34 5.72 -86.49	95.13 3.79 -3.69	69.83 2.21 0.09	80.56 1.60 0.00	63.25 -0.21 0.00	51.92 1.35 0.00
EAST_POINT___SOLAR 323840	58.59 2.90 0.00	53.04 2.46 0.00	45.25 1.99 0.00	39.64 1.60 0.00	38.94 1.60 0.00	43.31 1.91 0.00	54.86 2.54 0.00	50.74 1.25 0.00	48.84 -0.20 0.00	51.31 -0.52 0.00	62.64 -0.60 0.00	71.05 -0.58 0.00	86.54 -0.58 0.00	66.02 -0.07 0.00	84.72 -0.07 0.00	75.30 0.17 0.00	64.40 0.51 0.00	80.23 1.49 0.00	83.89 3.75 0.00	95.09 7.44 0.00	73.80 6.09 0.00	85.48 6.52 0.00	68.25 4.79 0.00	54.11 3.53 0.00
EAST_PULASKI___ESR 323781	56.81 -0.08 -1.20	50.16 -0.42 0.00	42.65 -0.60 0.00	37.46 -0.58 0.00	36.85 -0.50 0.00	41.00 -0.40 0.00	52.41 -0.19 -0.28	49.43 -0.07 0.00	49.04 0.00 0.00	51.78 -0.05 0.00	64.46 1.22 0.00	73.09 1.45 0.00	88.48 1.36 0.00	66.12 0.04 0.00	84.69 -0.10 0.00	75.12 -0.01 0.00	63.79 -0.10 0.00	78.91 0.18 0.00	82.40 0.88 -1.38	100.04 1.95 -10.44	77.48 1.45 -8.33	90.54 1.19 -10.38	80.00 0.92 -15.62	56.06 0.21 -5.28
EAST_RIVER___1 323558	56.64 0.94 0.00	51.66 1.08 0.00	44.23 0.97 0.00	38.90 0.85 0.00	38.22 0.87 0.00	42.28 0.87 0.00	53.09 0.77 0.00	50.53 1.04 0.00	50.31 1.27 0.00	53.04 1.20 0.00	64.72 1.48 0.00	72.86 1.22 0.00	88.57 1.45 0.00	67.86 1.78 0.00	87.33 2.54 0.00	78.48 3.35 0.00	67.60 3.72 0.00	83.07 4.33 0.00	84.03 3.89 0.00	91.14 3.48 0.00	69.49 1.78 0.00	80.06 1.10 0.00	63.81 0.35 0.00	51.38 0.80 0.00
EAST_RIVER___2 323559	56.64 0.95 0.00	51.64 1.06 0.00	44.20 0.94 0.00	38.87 0.83 0.00	38.18 0.84 0.00	42.27 0.86 0.00	53.10 0.78 0.00	50.51 1.01 0.00	50.32 1.28 0.00	53.08 1.24 0.00	64.76 1.52 0.00	72.90 1.26 0.00	88.63 1.51 0.00	67.96 1.88 0.00	87.42 2.64 0.00	78.62 3.48 0.00	67.71 3.83 0.00	83.19 4.45 0.00	84.13 3.99 0.00	91.20 3.55 0.00	69.54 1.83 0.00	80.06 1.10 0.00	63.86 0.39 0.00	51.42 0.84 0.00
EAST___DELAWARE_HYD 23607	55.84 0.15 0.00	50.80 0.22 0.00	43.41 0.15 0.00	38.16 0.12 0.00	37.48 0.13 0.00	41.46 0.05 0.00	52.22 -0.10 0.00	49.50 0.00 0.00	49.08 0.04 0.00	51.77 -0.07 0.00	63.19 -0.05 0.00	71.24 -0.40 0.00	86.67 -0.46 0.00	65.97 -0.11 0.00	83.11 -1.68 0.00	74.60 -0.53 0.00	64.38 0.49 0.00	79.56 0.82 0.00	81.00 0.86 0.00	88.46 0.80 0.00	69.17 1.46 0.00	79.80 0.83 0.00	63.56 0.09 0.00	50.79 0.21 0.00
EIGHT_POINT___WT_PWR 323820	55.09 -0.61 0.00	49.25 -1.33 0.00	41.34 -1.92 0.00	36.39 -1.65 0.00	35.77 -1.57 0.00	39.79 -1.62 0.00	51.07 -1.29 -0.04	48.62 -0.88 0.00	48.89 -0.15 0.00	52.67 0.84 0.00	64.64 1.40 0.00	74.50 2.86 0.00	91.23 3.64 -0.47	78.59 2.24 -10.27	93.98 2.91 -6.28	78.78 2.89 -0.77	65.84 1.95 0.00	81.33 2.59 0.00	84.46 4.12 -0.21	96.34 7.10 -1.59	74.17 5.19 -1.26	84.24 3.69 -1.58	66.50 2.85 -0.18	52.14 1.56 0.00
ELBRIDGE_115KV_TB2 80188	55.30 -0.39 0.00	50.04 -0.54 0.00	42.61 -0.65 0.00	37.41 -0.64 0.00	36.74 -0.60 0.00	40.80 -0.60 0.00	51.85 -0.67 -0.19	48.92 -0.58 0.00	48.56 -0.48 0.00	51.43 -0.40 0.00	62.91 -0.33 0.00	71.63 -0.01 0.00	87.21 0.09 0.00	66.27 0.18 0.00	84.98 0.19 0.00	75.49 0.36 0.00	64.14 0.25 0.00	79.17 0.44 0.00	82.04 0.95 -0.95	96.70 1.83 -7.22	74.63 1.16 -5.76	86.86 0.72 -7.17	64.65 0.34 -0.84	50.64 0.06 0.00
ELEC_TRO_TEK 24086	56.62 0.93 0.00	51.56 0.98 0.00	44.11 0.85 0.00	38.77 0.72 0.00	38.08 0.73 0.00	42.09 0.68 0.00	52.74 0.42 0.00	50.01 0.50 0.00	49.86 0.82 0.00	52.78 0.94 0.00	65.14 1.90 0.00	72.70 1.06 0.00	87.68 0.56 0.00	67.31 1.22 0.00	86.94 2.15 0.00	78.43 3.30 0.00	67.55 3.67 0.00	82.78 4.05 0.00	83.71 3.61 0.04	90.47 2.90 0.09	69.09 1.40 0.02	79.71 0.75 0.00	63.47 0.00 0.00	51.52 0.94 0.00
ELLENBURG_WT_PWR 323604	57.18 0.61 -0.87	51.10 0.52 0.00	43.63 0.37 0.00	38.40 0.36 0.00	37.65 0.30 0.00	41.72 0.31 0.00	52.79 0.48 0.00	50.20 0.70 0.00	49.78 0.74 0.00	52.76 0.93 0.00	64.29 1.06 0.00	72.83 1.19 0.00	88.51 1.39 0.00	66.72 0.64 0.00	85.51 0.72 0.00	75.04 -0.09 0.00	63.64 -0.24 0.00	78.40 -0.33 0.00	79.63 -0.51 0.00	87.07 -0.59 0.00	67.62 -0.10 0.00	79.27 0.30 0.00	48.91 0.47 15.02	50.29 0.25 0.54

ELM_ST_23_KV_LD_REV_LBMP_A 345012	56.55 0.86 0.00	50.41 -0.17 0.00	42.09 -1.17 0.00	36.85 -1.20 0.00	36.15 -1.19 0.00	40.38 -1.02 0.00	51.78 -0.54 0.00	49.32 -0.17 0.00	50.09 1.05 0.00	54.33 2.49 0.00	66.76 3.52 0.00	77.58 5.94 0.00	95.50 7.60 -0.78	87.86 4.70 -17.07	100.93 5.70 -10.43	81.63 5.22 -1.28	66.89 3.01 0.00	82.22 3.49 0.00	84.69 4.55 0.00	94.93 7.28 0.00	73.22 5.51 0.00	83.86 4.89 0.00	68.00 4.53 0.00	53.83 3.25 0.00
EMPIRE_CC_1 323656	56.00 0.31 0.00	51.13 0.54 0.00	43.96 0.70 0.00	38.73 0.68 0.00	38.01 0.66 0.00	42.03 0.62 0.00	52.79 0.47 0.00	49.77 0.27 0.00	49.05 0.01 0.00	51.47 -0.37 0.00	62.57 -0.67 0.00	70.47 -1.17 0.00	85.85 -1.28 0.00	65.24 -0.85 0.00	83.82 -0.97 0.00	74.88 -0.25 0.00	63.84 -0.04 0.00	78.80 0.07 0.00	80.27 0.13 0.00	87.44 -0.21 0.00	67.30 -0.41 0.00	78.44 -0.53 0.00	62.80 -0.66 0.00	50.20 -0.37 0.00
EMPIRE_CC_2 323658	56.00 0.31 0.00	51.13 0.54 0.00	43.96 0.70 0.00	38.73 0.68 0.00	38.01 0.66 0.00	42.03 0.62 0.00	52.79 0.47 0.00	49.77 0.27 0.00	49.05 0.01 0.00	51.47 -0.37 0.00	62.57 -0.67 0.00	70.47 -1.17 0.00	85.85 -1.28 0.00	65.24 -0.85 0.00	83.82 -0.97 0.00	74.88 -0.25 0.00	63.84 -0.04 0.00	78.80 0.07 0.00	80.27 0.13 0.00	87.44 -0.21 0.00	67.30 -0.41 0.00	78.44 -0.53 0.00	62.80 -0.66 0.00	50.20 -0.37 0.00
ENORWICH_115KV_TB1 80156	58.04 2.35 0.00	52.89 2.31 0.00	45.10 1.84 0.00	39.64 1.59 0.00	39.03 1.69 0.00	43.43 2.03 0.00	55.39 2.99 -0.08	52.34 2.84 0.00	51.69 2.65 0.00	54.70 2.87 0.00	66.74 3.50 0.00	75.98 4.34 0.00	92.40 5.28 0.00	70.26 4.17 0.00	90.20 5.42 0.00	80.47 5.34 0.00	68.81 4.92 0.00	85.65 6.91 0.00	88.71 8.20 -0.37	100.83 10.34 -2.83	77.21 7.24 -2.26	88.83 7.05 -2.81	68.60 4.81 -0.33	53.20 2.63 0.00
ERIE_ST__34_KV_TB1-2 80199	56.97 1.28 0.00	50.78 0.19 0.00	42.39 -0.87 0.00	37.11 -0.93 0.00	36.39 -0.95 0.00	40.63 -0.77 0.00	52.10 -0.21 0.00	49.67 0.17 0.00	50.45 1.41 0.00	54.71 2.88 0.00	67.31 4.07 0.00	78.22 6.58 0.00	96.40 8.49 -0.78	88.79 5.54 -17.17	102.24 6.95 -10.50	82.82 6.41 -1.28	68.12 4.24 0.00	83.90 5.16 0.00	86.40 6.26 0.00	96.74 9.08 0.00	74.43 6.72 0.00	85.00 6.03 0.00	68.72 5.25 0.00	54.22 3.65 0.00
ERIE_WT_PWR 323693	56.79 1.10 0.00	50.60 0.02 0.00	42.24 -1.01 0.00	37.01 -1.04 0.00	36.32 -1.02 0.00	40.52 -0.89 0.00	51.97 -0.35 0.00	49.51 0.01 0.00	50.27 1.23 0.00	54.53 2.69 0.00	67.03 3.80 0.00	77.90 6.26 0.00	95.92 8.01 -0.78	88.42 5.10 -17.23	101.60 6.28 -10.54	82.15 5.73 -1.29	67.38 3.50 0.00	82.89 4.16 0.00	85.42 5.28 0.00	95.79 8.13 0.00	73.79 6.07 0.00	84.39 5.42 0.00	68.40 4.94 0.00	54.09 3.52 0.00
ESPRGFLD_115KV_TB1 80157	57.18 1.49 0.00	51.89 1.31 0.00	44.23 0.97 0.00	38.74 0.69 0.00	38.08 0.74 0.00	42.32 0.91 0.00	53.74 1.42 0.00	50.81 1.31 0.00	50.32 1.28 0.00	53.43 1.59 0.00	65.42 2.19 0.00	74.47 2.83 0.00	90.53 3.41 0.00	68.93 2.85 0.00	88.29 3.51 0.00	78.29 3.16 0.00	66.72 2.83 0.00	82.39 3.66 0.00	84.51 4.37 0.00	93.48 5.82 0.00	72.10 4.39 0.00	83.45 4.48 0.00	66.84 3.37 0.00	53.02 2.44 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	56.47 0.78 0.00	51.12 0.54 0.00	43.49 0.23 0.00	38.20 0.15 0.00	37.53 0.19 0.00	41.68 0.28 0.00	52.94 0.52 -0.10	50.04 0.54 0.00	49.53 0.49 0.00	52.35 0.52 0.00	63.84 0.60 0.00	72.62 0.98 0.00	88.46 1.34 0.00	67.18 1.10 0.00	86.23 1.44 0.00	76.74 1.62 0.00	65.45 1.56 0.00	81.01 2.27 0.00	83.91 3.26 -0.51	96.28 4.76 -3.87	74.15 3.35 -3.08	85.84 3.03 -3.84	66.02 2.11 -0.45	51.90 1.33 0.00
ETNA____115KV_TB2 80207	56.47 0.78 0.00	51.12 0.54 0.00	43.49 0.23 0.00	38.20 0.15 0.00	37.53 0.19 0.00	41.68 0.28 0.00	52.94 0.52 -0.10	50.04 0.54 0.00	49.53 0.49 0.00	52.35 0.52 0.00	63.84 0.60 0.00	72.62 0.98 0.00	88.46 1.34 0.00	67.18 1.10 0.00	86.23 1.44 0.00	76.74 1.62 0.00	65.45 1.56 0.00	81.01 2.27 0.00	83.91 3.26 -0.51	96.28 4.76 -3.87	74.15 3.35 -3.08	85.84 3.03 -3.84	66.02 2.11 -0.45	51.90 1.33 0.00
EUCLID___115KV_TB2 356179	54.89 -0.80 0.00	49.68 -0.90 0.00	42.34 -0.92 0.00	37.19 -0.86 0.00	36.50 -0.84 0.00	40.51 -0.90 0.00	51.37 -1.04 -0.09	48.60 -0.90 0.00	48.29 -0.75 0.00	51.19 -0.65 0.00	62.62 -0.62 0.00	71.22 -0.42 0.00	86.84 -0.28 0.00	65.86 -0.22 0.00	84.56 -0.23 0.00	75.16 0.03 0.00	63.85 -0.04 0.00	78.78 0.05 0.00	81.00 0.44 -0.42	91.85 1.00 -3.19	70.79 0.53 -2.55	82.20 0.06 -3.17	66.84 -0.17 -3.54	50.82 -0.30 -0.54
E_CANADA_CAP_HY 24051	57.82 2.13 0.00	52.31 1.73 0.00	44.59 1.33 0.00	39.05 1.01 0.00	38.38 1.03 0.00	42.66 1.25 0.00	54.17 1.86 0.00	50.98 1.48 0.00	50.15 1.11 0.00	53.01 1.18 0.00	64.81 1.57 0.00	73.64 2.00 0.00	89.57 2.45 0.00	68.20 2.12 0.00	87.35 2.56 0.00	77.40 2.27 0.00	65.91 2.02 0.00	81.59 2.86 0.00	84.09 3.96 0.00	93.58 5.93 0.00	72.45 4.75 0.00	84.05 5.08 0.00	67.34 3.87 0.00	53.51 2.94 0.00
E_CANADA_MHWK_HY 24050	57.26 1.57 0.00	52.24 1.66 0.00	44.77 1.51 0.00	39.40 1.36 0.00	38.74 1.40 0.00	42.92 1.51 0.00	53.95 1.63 0.00	50.50 1.00 0.00	48.91 -0.13 0.00	51.03 -0.81 0.00	61.84 -1.40 0.00	70.02 -1.62 0.00	85.46 -1.66 0.00	65.11 -0.97 0.00	83.93 -0.85 0.00	75.21 0.08 0.00	64.62 0.73 0.00	80.45 1.72 0.00	83.01 2.87 0.00	91.73 4.07 0.00	70.57 2.86 0.00	81.78 2.81 0.00	64.96 1.50 0.00	51.38 0.81 0.00
E_FISHKILL___LBMP 23776	56.27 0.58 0.00	51.33 0.75 0.00	43.96 0.70 0.00	38.65 0.61 0.00	37.96 0.62 0.00	42.00 0.59 0.00	52.77 0.45 0.00	50.04 0.54 0.00	49.66 0.61 0.00	52.35 0.52 0.00	63.87 0.63 0.00	71.97 0.33 0.00	87.48 0.36 0.00	66.89 0.81 0.00	86.11 1.32 0.00	77.22 2.09 0.00	66.37 2.49 0.00	81.69 2.96 0.00	82.87 2.73 0.00	90.05 2.40 0.00	68.83 1.12 0.00	79.55 0.58 0.00	63.49 0.02 0.00	50.99 0.41 0.00
FALCON___SEABRD_CC1 323796	57.47 0.74 -1.03	51.39 0.81 0.00	43.84 0.58 0.00	38.60 0.56 0.00	37.86 0.52 0.00	41.92 0.51 0.00	52.97 0.65 0.00	50.37 0.88 0.00	49.73 0.70 0.00	52.71 0.87 0.00	64.23 0.99 0.00	72.84 1.20 0.00	88.70 1.58 0.00	66.76 0.68 0.00	85.74 0.95 0.00	75.06 -0.07 0.00	63.83 -0.05 0.00	78.66 -0.07 0.00	79.93 -0.21 0.00	87.47 -0.19 0.00	67.92 0.21 0.00	79.61 0.64 0.00	48.07 0.56 15.95	50.49 0.23 0.32
FALCON___SEABRD_CC2 323797	57.47 0.74 -1.03	51.39 0.81 0.00	43.84 0.58 0.00	38.60 0.56 0.00	37.86 0.52 0.00	41.92 0.51 0.00	52.97 0.65 0.00	50.37 0.88 0.00	49.73 0.70 0.00	52.71 0.87 0.00	64.23 0.99 0.00	72.84 1.20 0.00	88.70 1.58 0.00	66.76 0.68 0.00	85.74 0.95 0.00	75.06 -0.07 0.00	63.83 -0.05 0.00	78.66 -0.07 0.00	79.93 -0.21 0.00	87.47 -0.19 0.00	67.92 0.21 0.00	79.61 0.64 0.00	48.07 0.56 15.95	50.49 0.23 0.32

FAR ROCKAWAY___4 23548	57.60 1.90 0.00	52.38 1.80 0.00	44.76 1.50 0.00	39.33 1.29 0.00	38.62 1.28 0.00	42.69 1.29 0.00	53.52 1.20 0.00	50.77 1.27 0.00	50.67 1.63 0.00	53.70 1.87 0.00	66.32 3.08 0.00	74.20 2.56 0.00	89.56 2.44 0.00	68.78 2.69 0.00	88.79 4.00 0.00	80.05 4.72 -0.20	68.83 4.95 0.00	84.43 5.69 0.00	85.86 5.22 -0.50	93.73 4.59 -1.49	70.44 2.60 -0.12	81.09 2.11 0.00	64.51 1.05 0.00	52.43 1.85 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	56.67 0.97 0.00	51.70 1.12 0.00	44.26 1.00 0.00	38.92 0.87 0.00	38.23 0.88 0.00	42.31 0.90 0.00	53.11 0.79 0.00	50.57 1.07 0.00	50.35 1.30 0.00	53.08 1.24 0.00	64.73 1.50 0.00	72.88 1.24 0.00	88.59 1.47 0.00	67.88 1.80 0.00	87.37 2.58 0.00	78.49 3.36 0.00	67.61 3.73 0.00	83.11 4.37 0.00	84.09 3.95 0.00	91.21 3.55 0.00	69.53 1.83 0.00	80.09 1.13 0.00	63.83 0.36 0.00	51.41 0.83 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	56.67 0.98 0.00	51.71 1.13 0.00	44.27 1.01 0.00	38.94 0.90 0.00	38.25 0.90 0.00	42.31 0.91 0.00	53.13 0.81 0.00	50.58 1.08 0.00	50.35 1.30 0.00	53.08 1.24 0.00	64.73 1.50 0.00	72.88 1.24 0.00	88.59 1.47 0.00	67.88 1.80 0.00	87.37 2.58 0.00	78.50 3.37 0.00	67.62 3.74 0.00	83.13 4.39 0.00	84.10 3.97 0.00	91.22 3.57 0.00	69.55 1.85 0.00	80.12 1.15 0.00	63.87 0.41 0.00	51.43 0.86 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	56.62 0.92 0.00	51.65 1.08 0.00	44.23 0.97 0.00	38.90 0.86 0.00	38.22 0.87 0.00	42.28 0.87 0.00	53.07 0.76 0.00	50.55 1.05 0.00	50.31 1.27 0.00	53.03 1.19 0.00	64.70 1.47 0.00	72.84 1.20 0.00	88.51 1.39 0.00	67.82 1.74 0.00	87.29 2.50 0.00	78.42 3.29 0.00	67.54 3.66 0.00	83.03 4.30 0.00	84.00 3.87 0.00	91.11 3.45 0.00	69.47 1.76 0.00	80.02 1.05 0.00	63.77 0.31 0.00	51.36 0.79 0.00
FARRAGUT___LBMP 323566	56.56 0.87 0.00	51.61 1.03 0.00	44.20 0.95 0.00	38.87 0.83 0.00	38.18 0.84 0.00	42.25 0.84 0.00	53.02 0.70 0.00	50.48 0.99 0.00	50.25 1.21 0.00	52.97 1.14 0.00	64.60 1.37 0.00	72.72 1.09 0.00	88.40 1.28 0.00	67.74 1.65 0.00	87.15 2.37 0.00	78.33 3.19 0.00	67.46 3.58 0.00	82.91 4.18 0.00	83.91 3.77 0.00	91.01 3.35 0.00	69.39 1.68 0.00	79.94 0.97 0.00	63.72 0.25 0.00	51.32 0.74 0.00
FENNER___WINDPWR 24204	57.26 0.99 -0.57	51.32 0.74 0.00	43.76 0.50 0.00	38.46 0.41 0.00	37.76 0.41 0.00	41.98 0.57 0.00	53.27 0.87 -0.08	50.35 0.86 0.00	49.82 0.78 0.00	52.61 0.77 0.00	64.04 0.80 0.00	72.54 0.90 0.00	88.41 1.28 0.00	67.13 1.05 0.00	86.26 1.48 0.00	76.63 1.50 0.00	65.36 1.47 0.00	80.83 2.09 0.00	83.27 2.74 -0.40	94.42 3.78 -2.99	72.79 2.69 -2.39	84.42 2.48 -2.97	72.40 1.69 -7.24	54.41 1.31 -2.53
FIBERTEK___ENERGY 23856	55.57 -0.12 0.00	50.27 -0.31 0.00	42.81 -0.44 0.00	37.60 -0.45 0.00	36.91 -0.43 0.00	40.98 -0.43 0.00	52.06 -0.44 -0.18	49.16 -0.34 0.00	48.75 -0.29 0.00	51.59 -0.24 0.00	63.29 0.06 0.00	71.95 0.31 0.00	87.47 0.35 0.00	66.29 0.21 0.00	85.12 0.33 0.00	75.58 0.45 0.00	64.21 0.33 0.00	79.34 0.60 0.00	82.14 1.10 -0.90	96.38 1.90 -6.83	74.36 1.20 -5.45	86.52 0.77 -6.79	67.23 0.30 -3.46	51.06 0.03 -0.46
FITZPATRICK___ 23598	54.07 -1.62 0.00	48.98 -1.60 0.00	41.78 -1.48 0.00	36.73 -1.32 0.00	36.04 -1.31 0.00	39.99 -1.42 0.00	49.55 -1.73 1.04	47.91 -1.58 0.00	47.60 -1.44 0.00	50.40 -1.44 0.00	61.58 -1.66 0.00	70.00 -1.64 0.00	85.23 -1.90 0.00	64.65 -1.43 0.00	82.96 -1.83 0.00	73.66 -1.47 0.00	62.57 -1.31 0.00	77.17 -1.56 0.00	73.79 -1.28 5.07	48.34 -0.99 38.33	36.19 -0.93 30.59	39.36 -1.49 38.12	57.67 -1.32 4.47	49.43 -1.15 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	57.16 1.46 0.00	52.06 1.49 0.00	44.52 1.27 0.00	39.15 1.10 0.00	38.45 1.11 0.00	42.54 1.14 0.00	53.53 1.21 0.00	50.78 1.28 0.00	50.38 1.34 0.00	53.07 1.24 0.00	64.68 1.45 0.00	72.87 1.23 0.00	88.66 1.54 0.00	67.87 1.79 0.00	87.42 2.64 0.00	78.47 3.34 0.00	67.53 3.64 0.00	83.17 4.43 0.00	84.35 4.21 0.00	91.58 3.92 0.00	69.94 2.23 0.00	80.65 1.68 0.00	64.26 0.80 0.00	51.58 1.00 0.00
FORT ORANGE___ 23900	56.78 1.09 0.00	51.77 1.18 0.00	44.41 1.16 0.00	39.08 1.04 0.00	38.36 1.02 0.00	42.48 1.07 0.00	53.45 1.14 0.00	50.29 0.79 0.00	49.33 0.29 0.00	51.80 -0.04 0.00	63.05 -0.19 0.00	71.00 -0.64 0.00	86.28 -0.85 0.00	65.01 -1.08 0.00	83.49 -1.30 0.00	74.55 -0.59 0.00	63.55 -0.33 0.00	78.20 -0.54 0.00	79.86 -0.28 0.00	87.24 -0.42 0.00	67.12 -0.59 0.00	78.06 -0.91 0.00	62.40 -1.06 0.00	49.89 -0.69 0.00
FORT_DRUM_COGEN 23780	62.03 2.47 -3.87	51.95 1.37 0.00	43.96 0.70 0.00	38.53 0.48 0.00	38.11 0.77 0.00	42.81 1.40 0.00	55.07 2.62 -0.14	51.69 2.19 0.00	51.22 2.18 0.00	54.16 2.33 0.00	66.64 3.40 0.00	75.63 3.99 0.00	92.41 5.29 0.00	68.94 2.86 0.00	87.46 2.67 0.00	77.17 2.04 0.00	65.58 1.69 0.00	81.50 2.77 0.00	85.02 4.21 -0.67	99.77 7.02 -5.10	77.58 5.80 -4.07	90.43 6.39 -5.07	116.13 5.55 -47.11	70.60 2.97 -17.05
FOX_HILLS___ESR 323835	54.13 0.50 2.07	51.35 0.77 0.00	44.11 0.86 0.00	38.78 0.74 0.00	38.08 0.74 0.00	42.13 0.72 0.00	52.61 0.37 0.08	48.79 0.75 1.46	49.63 0.96 0.37	50.68 0.79 1.94	51.93 0.72 12.03	60.80 0.34 11.18	84.41 0.45 3.16	55.94 1.11 11.25	75.32 1.60 11.06	74.49 2.65 3.30	62.68 3.25 4.46	81.55 3.64 0.82	83.42 3.28 0.00	90.72 3.06 0.00	68.70 1.24 0.25	78.96 0.46 0.46	63.18 -0.11 0.18	51.24 0.67 0.00
FPL_FAR_ROCK_GT1 24212	57.60 1.91 0.00	52.39 1.80 0.00	44.76 1.50 0.00	39.33 1.28 0.00	38.63 1.28 0.00	42.69 1.29 0.00	53.52 1.20 0.00	50.77 1.27 0.00	50.67 1.63 0.00	53.70 1.87 0.00	66.32 3.08 0.00	74.21 2.57 0.00	89.56 2.44 0.00	68.78 2.69 0.00	88.78 4.00 0.00	80.03 4.70 -0.20	68.83 4.95 0.00	84.43 5.69 0.00	85.81 5.16 -0.50	93.64 4.49 -1.49	70.43 2.60 -0.12	81.08 2.11 0.00	64.51 1.05 0.00	52.43 1.85 0.00
FPL_FAR_ROCK_GT2 23815	57.60 1.91 0.00	52.39 1.80 0.00	44.76 1.50 0.00	39.33 1.28 0.00	38.63 1.28 0.00	42.69 1.29 0.00	53.52 1.20 0.00	50.77 1.27 0.00	50.67 1.63 0.00	53.70 1.87 0.00	66.32 3.08 0.00	74.21 2.57 0.00	89.56 2.44 0.00	68.78 2.69 0.00	88.78 4.00 0.00	80.03 4.70 -0.20	68.83 4.95 0.00	84.43 5.69 0.00	85.81 5.16 -0.50	93.64 4.49 -1.49	70.43 2.60 -0.12	81.08 2.11 0.00	64.51 1.05 0.00	52.43 1.85 0.00
FRANKLIN_FALL_HYD 24054	62.66 1.67 -5.29	51.91 1.33 0.00	44.31 1.06 0.00	38.98 0.94 0.00	38.22 0.87 0.00	42.41 1.00 0.00	53.79 1.47 0.00	51.16 1.66 0.00	50.68 1.64 0.00	53.71 1.88 0.00	65.46 2.22 0.00	74.18 2.54 0.00	90.06 2.94 0.00	67.86 1.78 0.00	86.72 1.93 0.00	76.06 0.93 0.00	64.37 0.48 0.00	79.39 0.66 0.00	80.86 0.72 0.00	88.67 1.02 0.00	69.06 1.35 0.00	80.85 1.88 0.00	292.14 2.08 -226.60	103.34 1.43 -51.33

FREEPORT_EQUS_GT1 23764	56.98 1.29 0.00	51.86 1.28 0.00	44.32 1.06 0.00	38.94 0.90 0.00	38.26 0.91 0.00	42.26 0.86 0.00	52.91 0.59 0.00	50.15 0.66 0.00	50.04 1.01 0.00	53.05 1.22 0.00	65.61 2.38 0.00	72.94 1.30 0.00	87.67 0.55 0.00	67.27 1.19 0.00	87.03 2.24 0.00	78.82 3.69 0.00	67.83 3.95 0.00	83.13 4.39 0.00	83.67 3.82 0.30	89.92 2.97 0.71	69.21 1.66 0.16	80.35 1.38 0.00	63.91 0.44 0.00	51.92 1.35 0.00
FREEPORT___CT2 23818	56.98 1.29 0.00	51.86 1.28 0.00	44.32 1.06 0.00	38.94 0.90 0.00	38.26 0.91 0.00	42.26 0.86 0.00	52.91 0.59 0.00	50.15 0.66 0.00	50.04 1.01 0.00	53.05 1.22 0.00	65.61 2.38 0.00	72.94 1.30 0.00	87.67 0.55 0.00	67.27 1.19 0.00	87.03 2.24 0.00	78.82 3.69 0.00	67.83 3.95 0.00	83.13 4.39 0.00	83.67 3.82 0.30	89.92 2.97 0.71	69.21 1.66 0.16	80.35 1.38 0.00	63.91 0.44 0.00	51.92 1.35 0.00
FRESHKLS_33_KV_LOAD 356253	54.04 0.41 2.07	51.33 0.74 0.00	44.13 0.88 0.00	38.78 0.74 0.00	38.08 0.74 0.00	42.13 0.72 0.00	52.55 0.31 0.08	48.72 0.68 1.46	49.55 0.88 0.37	50.58 0.69 1.94	51.77 0.56 12.03	60.62 0.17 11.18	84.26 0.30 3.16	55.80 0.96 11.25	75.15 1.42 11.06	74.35 2.53 3.31	62.61 3.19 4.46	81.50 3.59 0.82	83.43 3.29 0.00	90.79 3.14 0.00	68.77 1.30 0.25	79.00 0.50 0.46	63.22 -0.07 0.18	51.27 0.69 0.00
FULTON COGEN____ 23766	54.90 -0.79 0.00	49.68 -0.90 0.00	42.32 -0.93 0.00	37.20 -0.85 0.00	36.50 -0.84 0.00	40.51 -0.90 0.00	51.62 -1.04 -0.34	48.62 -0.88 0.00	48.34 -0.70 0.00	51.09 -0.74 0.00	63.97 0.74 0.00	72.83 1.19 0.00	87.98 0.85 0.00	65.69 -0.39 0.00	84.35 -0.44 0.00	74.92 -0.21 0.00	63.74 -0.14 0.00	78.72 -0.02 0.00	82.18 0.40 -1.64	100.99 0.91 -12.42	78.11 0.49 -9.91	91.33 0.01 -12.35	68.32 -0.25 -5.10	50.82 -0.38 -0.63
FULTON___LFGE 323630	58.26 2.57 0.00	52.79 2.21 0.00	45.08 1.82 0.00	39.51 1.47 0.00	38.83 1.48 0.00	43.12 1.72 0.00	54.64 2.32 0.00	51.18 1.68 0.00	49.75 0.72 0.00	52.15 0.32 0.00	63.49 0.26 0.00	71.90 0.26 0.00	87.62 0.50 0.00	66.85 0.76 0.00	85.72 0.93 0.00	76.25 1.12 0.00	65.31 1.43 0.00	81.30 2.57 0.00	84.31 4.17 0.00	94.25 6.59 0.00	72.93 5.22 0.00	84.54 5.57 0.00	67.54 4.07 0.00	53.59 3.01 0.00
G.F.CEMENT___DRP 24184	58.52 2.83 0.00	53.04 2.45 0.00	45.42 2.17 0.00	40.02 1.98 0.00	39.32 1.98 0.00	43.53 2.13 0.00	54.82 2.50 0.00	51.78 2.28 0.00	51.01 1.97 0.00	53.56 1.73 0.00	65.30 2.07 0.00	73.64 2.00 0.00	90.07 2.95 0.00	68.82 2.73 0.00	88.69 3.90 0.00	79.07 3.94 0.00	67.64 3.76 0.00	84.10 5.36 0.00	86.11 5.97 0.00	94.40 6.75 0.00	72.31 4.60 0.00	84.01 5.04 0.00	66.82 3.35 0.00	53.03 2.46 0.00
GARDENVILLE___LBMP 24039	56.56 0.87 0.00	50.41 -0.17 0.00	42.09 -1.17 0.00	36.86 -1.18 0.00	36.18 -1.17 0.00	40.39 -1.01 0.00	51.79 -0.53 0.00	49.34 -0.16 0.00	50.10 1.06 0.00	54.31 2.47 0.00	66.75 3.52 0.00	77.55 5.92 0.00	95.44 7.55 -0.77	87.77 4.71 -16.97	100.94 5.77 -10.38	81.69 5.29 -1.27	67.01 3.13 0.00	82.42 3.69 0.00	84.92 4.78 0.00	95.21 7.56 0.00	73.39 5.68 0.00	84.01 5.04 0.00	68.08 4.62 0.00	53.86 3.28 0.00
GARDNVLA_35_KV_LD 355827	56.87 1.18 0.00	50.68 0.10 0.00	42.30 -0.96 0.00	37.03 -1.01 0.00	36.33 -1.01 0.00	40.56 -0.84 0.00	52.01 -0.31 0.00	49.56 0.06 0.00	50.35 1.31 0.00	54.64 2.81 0.00	67.21 3.97 0.00	78.13 6.49 0.00	96.25 8.34 -0.79	88.79 5.38 -17.33	102.01 6.63 -10.59	82.47 6.05 -1.30	67.65 3.77 0.00	83.22 4.49 0.00	85.74 5.60 0.00	96.09 8.43 0.00	74.04 6.33 0.00	84.67 5.71 0.00	68.59 5.13 0.00	54.23 3.66 0.00
GELCKHM___115KV_LOAD 80723	55.15 -0.55 0.00	49.92 -0.66 0.00	42.52 -0.74 0.00	37.35 -0.70 0.00	36.66 -0.68 0.00	40.69 -0.72 0.00	51.63 -0.81 -0.12	48.81 -0.69 0.00	48.46 -0.59 0.00	51.33 -0.51 0.00	62.86 -0.38 0.00	71.49 -0.15 0.00	87.06 -0.06 0.00	66.02 -0.06 0.00	84.78 -0.01 0.00	75.34 0.20 0.00	64.00 0.11 0.00	78.98 0.24 0.00	81.43 0.70 -0.59	93.48 1.34 -4.48	72.08 0.78 -3.58	83.75 0.32 -4.46	66.96 0.01 -3.48	50.89 -0.19 -0.51
GENERAL___MILLS 23808	56.74 1.05 0.00	50.58 0.00 0.00	42.21 -1.05 0.00	36.97 -1.08 0.00	36.27 -1.07 0.00	40.50 -0.91 0.00	51.93 -0.39 0.00	49.47 -0.03 0.00	50.24 1.21 0.00	54.49 2.66 0.00	66.99 3.75 0.00	77.85 6.21 0.00	95.87 7.97 -0.78	88.38 5.06 -17.23	101.53 6.20 -10.54	82.09 5.67 -1.29	67.33 3.44 0.00	82.82 4.09 0.00	85.33 5.19 0.00	95.65 8.00 0.00	73.72 6.00 0.00	84.33 5.37 0.00	68.35 4.89 0.00	54.05 3.48 0.00
GE_PLASTICS___DRP 24183	55.82 0.12 0.00	50.95 0.37 0.00	43.73 0.48 0.00	38.48 0.43 0.00	37.77 0.43 0.00	41.82 0.41 0.00	52.65 0.33 0.00	49.66 0.16 0.00	48.97 -0.07 0.00	51.51 -0.32 0.00	62.75 -0.49 0.00	70.74 -0.90 0.00	85.99 -1.13 0.00	64.98 -1.10 0.00	83.46 -1.33 0.00	74.39 -0.74 0.00	63.43 -0.45 0.00	78.02 -0.72 0.00	79.49 -0.65 0.00	86.70 -0.96 0.00	66.73 -0.98 0.00	77.65 -1.32 0.00	62.16 -1.31 0.00	49.72 -0.86 0.00
GILBOA___1 23756	55.96 0.27 0.00	51.38 0.80 0.00	44.23 0.97 0.00	38.90 0.85 0.00	38.21 0.86 0.00	42.30 0.89 0.00	53.28 0.96 0.00	50.04 0.54 0.00	49.20 0.16 0.00	51.87 0.03 0.00	63.26 0.02 0.00	71.48 -0.16 0.00	86.84 -0.28 0.00	65.95 -0.13 0.00	84.62 -0.16 0.00	75.18 0.05 0.00	64.26 0.38 0.00	79.05 0.32 0.00	80.44 0.31 0.00	87.79 0.14 0.00	67.70 -0.01 0.00	78.93 -0.04 0.00	63.37 -0.09 0.00	50.63 0.05 0.00
GILBOA___2 23757	55.96 0.27 0.00	51.38 0.80 0.00	44.23 0.97 0.00	38.90 0.85 0.00	38.21 0.86 0.00	42.30 0.89 0.00	53.28 0.96 0.00	50.04 0.54 0.00	49.20 0.16 0.00	51.87 0.03 0.00	63.26 0.02 0.00	71.48 -0.16 0.00	86.84 -0.28 0.00	65.95 -0.13 0.00	84.62 -0.16 0.00	75.18 0.05 0.00	64.26 0.38 0.00	79.05 0.32 0.00	80.44 0.31 0.00	87.79 0.14 0.00	67.70 -0.01 0.00	78.93 -0.04 0.00	63.37 -0.09 0.00	50.63 0.05 0.00
GILBOA___3 23758	55.96 0.27 0.00	51.38 0.80 0.00	44.23 0.97 0.00	38.90 0.85 0.00	38.21 0.86 0.00	42.30 0.89 0.00	53.28 0.96 0.00	50.04 0.54 0.00	49.20 0.16 0.00	51.87 0.03 0.00	63.26 0.02 0.00	71.48 -0.16 0.00	86.84 -0.28 0.00	65.95 -0.13 0.00	84.62 -0.16 0.00	75.18 0.05 0.00	64.26 0.38 0.00	79.05 0.32 0.00	80.44 0.31 0.00	87.79 0.14 0.00	67.70 -0.01 0.00	78.93 -0.04 0.00	63.37 -0.09 0.00	50.63 0.05 0.00
GILBOA___4 23759	55.96 0.27 0.00	51.38 0.80 0.00	44.23 0.97 0.00	38.90 0.85 0.00	38.21 0.86 0.00	42.30 0.89 0.00	53.28 0.96 0.00	50.04 0.54 0.00	49.20 0.16 0.00	51.87 0.03 0.00	63.26 0.02 0.00	71.48 -0.16 0.00	86.84 -0.28 0.00	65.95 -0.13 0.00	84.62 -0.16 0.00	75.18 0.05 0.00	64.26 0.38 0.00	79.05 0.32 0.00	80.44 0.31 0.00	87.79 0.14 0.00	67.70 -0.01 0.00	78.93 -0.04 0.00	63.37 -0.09 0.00	50.63 0.05 0.00

GILBOA____ 23599	55.96 0.27 0.00	51.38 0.80 0.00	44.23 0.97 0.00	38.90 0.85 0.00	38.21 0.86 0.00	42.30 0.89 0.00	53.28 0.96 0.00	50.04 0.54 0.00	49.20 0.16 0.00	51.87 0.03 0.00	63.26 0.02 0.00	71.48 -0.16 0.00	86.84 -0.28 0.00	65.95 -0.13 0.00	84.62 -0.16 0.00	75.18 0.05 0.00	64.26 0.38 0.00	79.05 0.32 0.00	80.44 0.30 0.00	87.79 0.14 0.00	67.70 -0.01 0.00	78.93 -0.04 0.00	63.37 -0.09 0.00	50.63 0.05 0.00
GINNA____ 23603	54.15 -1.55 0.00	48.61 -1.97 0.00	41.03 -2.23 0.00	35.93 -2.12 0.00	35.23 -2.11 0.00	39.25 -2.15 0.00	49.97 -2.34 0.00	47.51 -1.99 0.00	47.71 -1.33 0.00	51.21 -0.63 0.00	62.89 -0.34 0.00	72.47 0.83 0.00	86.99 1.59 1.72	29.19 0.97 37.86	62.76 1.11 23.14	73.53 1.22 2.83	64.17 0.29 0.00	79.07 0.34 0.00	81.35 1.21 0.00	90.18 2.52 0.00	69.35 1.64 0.00	79.86 0.89 0.00	64.05 0.58 0.00	50.66 0.08 0.00
GLEN PARK____ 23778	62.27 2.92 -3.66	52.34 1.76 0.00	44.27 1.02 0.00	38.80 0.75 0.00	38.37 1.03 0.00	43.10 1.69 0.00	55.50 3.04 -0.15	52.55 3.05 0.00	52.14 3.10 0.00	55.07 3.23 0.00	67.78 4.54 0.00	75.97 4.33 0.00	92.98 5.86 0.00	69.28 3.19 0.00	87.94 3.15 0.00	77.57 2.44 0.00	65.92 2.04 0.00	81.98 3.24 0.00	85.70 4.85 -0.71	100.95 7.93 -5.36	78.56 6.57 -4.28	91.63 7.33 -5.33	114.30 6.19 -44.64	70.14 3.43 -16.14
GLENDALE_27_KV_LOAD 356172	56.80 1.12 0.00	51.84 1.27 0.00	44.42 1.16 0.00	39.04 0.99 0.00	38.34 1.00 0.00	42.42 1.01 0.00	53.26 0.94 0.00	50.81 1.31 0.00	50.57 1.53 0.00	53.28 1.45 0.00	64.78 1.54 0.00	72.89 1.25 0.00	88.65 1.53 0.00	68.01 1.93 0.00	87.46 2.67 0.00	78.64 3.51 0.00	67.81 3.93 0.00	83.25 4.52 0.00	84.14 4.00 0.00	91.34 3.69 0.00	69.55 1.84 0.00	80.09 1.12 0.00	63.82 0.35 0.00	51.50 0.93 0.00
GLENWOOD_IC_1_G5 23712	56.91 1.22 0.00	51.83 1.25 0.00	44.33 1.07 0.00	38.97 0.93 0.00	38.28 0.93 0.00	42.32 0.91 0.00	53.09 0.77 0.00	50.40 0.90 0.00	50.23 1.19 0.00	53.12 1.29 0.00	65.17 1.93 0.00	72.83 1.19 0.00	88.11 0.99 0.00	67.60 1.52 0.00	87.28 2.49 0.00	78.66 3.53 0.00	68.17 4.28 0.00	83.26 4.52 0.00	83.98 3.91 0.07	90.81 3.32 0.17	69.35 1.68 0.04	79.95 0.98 0.00	63.55 0.09 0.00	51.41 0.84 0.00
GLENWOOD_IC_2_G1 23688	56.70 1.01 0.00	51.67 1.09 0.00	44.21 0.95 0.00	38.86 0.82 0.00	38.19 0.84 0.00	42.22 0.81 0.00	52.99 0.67 0.00	50.31 0.81 0.00	50.07 1.03 0.00	52.91 1.08 0.00	64.92 1.69 0.00	72.84 1.20 0.00	88.22 1.10 0.00	67.61 1.53 0.00	87.20 2.41 0.00	78.45 3.32 0.00	67.59 3.71 0.00	82.98 4.24 0.00	83.96 3.82 0.00	90.98 3.32 0.00	69.45 1.73 0.00	80.08 1.11 0.00	63.75 0.28 0.00	51.47 0.90 0.00
GLENWOOD_IC_3_G1 23689	56.70 1.01 0.00	51.67 1.09 0.00	44.21 0.95 0.00	38.86 0.82 0.00	38.19 0.84 0.00	42.22 0.81 0.00	52.99 0.67 0.00	50.31 0.81 0.00	50.07 1.03 0.00	52.91 1.08 0.00	64.92 1.69 0.00	72.84 1.20 0.00	88.22 1.10 0.00	67.61 1.53 0.00	87.20 2.41 0.00	78.45 3.32 0.00	67.59 3.71 0.00	82.98 4.24 0.00	83.96 3.82 0.00	90.98 3.32 0.00	69.45 1.73 0.00	80.08 1.11 0.00	63.75 0.28 0.00	51.47 0.90 0.00
GLENWOOD____4 23550	56.91 1.22 0.00	51.83 1.25 0.00	44.33 1.07 0.00	38.97 0.93 0.00	38.28 0.93 0.00	42.32 0.91 0.00	53.09 0.77 0.00	50.40 0.90 0.00	50.23 1.19 0.00	53.12 1.29 0.00	65.26 2.02 0.00	73.00 1.36 0.00	88.35 1.23 0.00	67.78 1.69 0.00	87.48 2.69 0.00	78.84 3.71 0.00	68.17 4.28 0.00	83.41 4.68 0.00	84.18 4.11 0.07	91.05 3.56 0.17	69.53 1.86 0.04	80.16 1.20 0.00	63.73 0.26 0.00	51.54 0.96 0.00
GLENWOOD____5 23614	56.91 1.22 0.00	51.83 1.25 0.00	44.33 1.07 0.00	38.97 0.93 0.00	38.28 0.93 0.00	42.32 0.91 0.00	53.09 0.77 0.00	50.40 0.90 0.00	50.23 1.19 0.00	53.12 1.29 0.00	65.26 2.02 0.00	73.00 1.36 0.00	88.35 1.23 0.00	67.78 1.69 0.00	87.48 2.69 0.00	78.84 3.71 0.00	68.17 4.28 0.00	83.41 4.68 0.00	84.18 4.11 0.07	91.05 3.56 0.17	69.53 1.86 0.04	80.16 1.20 0.00	63.73 0.26 0.00	51.54 0.96 0.00
GLOBAL GREEN_PORT_GT1 23814	57.91 2.22 0.00	52.69 2.10 0.00	44.90 1.64 0.00	39.41 1.36 0.00	38.78 1.44 0.00	42.66 1.26 0.00	53.29 0.97 0.00	50.50 1.00 0.00	50.80 1.76 0.00	54.39 2.56 0.00	68.59 5.35 0.00	76.46 4.82 0.00	91.52 5.04 0.64	70.30 4.22 0.00	94.25 5.12 -4.34	180.52 6.56 -98.83	208.40 6.07 -138.45	200.82 6.67 -115.41	172.25 5.59 -86.52	95.29 3.94 -3.69	70.43 2.81 0.09	81.64 2.67 0.00	64.22 0.76 0.00	52.55 1.97 0.00
GLOBE____DSASP 323697	55.86 0.17 0.00	49.78 -0.80 0.00	41.57 -1.69 0.00	36.37 -1.68 0.00	35.64 -1.70 0.00	39.83 -1.58 0.00	51.07 -1.25 0.00	48.61 -0.89 0.00	49.27 0.22 0.00	53.41 1.57 0.00	65.54 2.30 0.00	76.26 4.62 0.00	93.88 5.93 -0.83	86.90 2.67 -18.15	98.80 2.92 -11.10	79.63 3.15 -1.36	64.87 0.98 0.00	79.22 0.49 0.00	81.52 1.38 0.00	91.41 3.75 0.00	70.81 3.10 0.00	81.36 2.39 0.00	66.37 2.91 0.00	52.86 2.28 0.00
GOETHSLN____LBMP 323567	54.12 0.49 2.06	51.30 0.71 0.00	43.93 0.67 0.00	38.64 0.60 0.00	37.96 0.62 0.00	41.99 0.58 0.00	52.60 0.36 0.08	48.71 0.67 1.46	49.56 0.90 0.37	51.18 0.79 1.45	52.11 0.89 12.02	60.98 0.52 11.18	84.55 0.59 3.16	55.98 1.14 11.24	75.43 1.71 11.07	74.43 2.61 3.31	62.52 3.10 4.47	81.48 3.58 0.83	83.31 3.18 0.00	90.38 2.73 0.00	68.63 1.17 0.25	78.85 0.36 0.48	63.03 -0.25 0.19	50.98 0.40 0.00
GOLAH____69_KV_TB 1_2 80279	57.40 1.71 0.00	51.35 0.77 0.00	43.15 -0.11 0.00	37.79 -0.26 0.00	37.06 -0.29 0.00	41.32 -0.08 0.00	52.74 0.42 0.00	50.17 0.66 0.00	50.45 1.41 0.00	54.20 2.36 0.00	66.43 3.19 0.00	76.69 5.05 0.00	95.90 6.76 -2.02	115.15 4.73 -44.34	117.76 5.87 -27.10	83.87 5.43 -3.31	67.44 3.56 0.00	83.16 4.42 0.00	85.78 5.64 0.00	95.57 7.92 0.00	73.84 6.13 0.00	84.69 5.72 0.00	68.27 4.80 0.00	54.15 3.58 0.00
GOODYEAR_LAKE_HYD 323669	56.74 1.05 0.00	51.70 1.12 0.00	44.17 0.92 0.00	38.76 0.72 0.00	38.09 0.75 0.00	42.27 0.87 0.00	53.52 1.20 0.00	50.59 1.09 0.00	50.10 1.05 0.00	53.11 1.28 0.00	64.95 1.72 0.00	73.78 2.14 0.00	89.73 2.61 0.00	68.29 2.20 0.00	87.59 2.80 0.00	77.88 2.75 0.00	66.51 2.62 0.00	82.06 3.32 0.00	83.87 3.73 0.00	92.18 4.53 0.00	70.88 3.17 0.00	82.02 3.06 0.00	65.64 2.17 0.00	52.09 1.52 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	55.70 0.01 0.00	50.52 -0.06 0.00	42.94 -0.31 0.00	37.76 -0.28 0.00	37.10 -0.24 0.00	41.15 -0.26 0.00	52.19 -0.20 -0.07	49.40 -0.09 0.00	49.12 0.09 0.00	52.15 0.32 0.00	63.68 0.45 0.00	72.59 0.95 0.00	88.37 1.25 0.00	66.98 0.90 0.00	86.07 1.28 0.00	76.52 1.39 0.00	65.19 1.31 0.00	80.31 1.58 0.00	82.59 2.09 -0.36	93.50 3.14 -2.70	71.76 1.89 -2.16	83.06 1.41 -2.69	64.83 1.05 -0.32	51.13 0.56 0.00

GOUDEY___7 23579	55.70 0.01 0.00	50.52 -0.06 0.00	42.94 -0.31 0.00	37.76 -0.28 0.00	37.10 -0.24 0.00	41.15 -0.26 0.00	52.19 -0.20 -0.07	49.40 -0.09 0.00	49.12 0.09 0.00	52.15 0.32 0.00	63.68 0.45 0.00	72.59 0.95 0.00	88.37 1.25 0.00	66.98 0.90 0.00	86.07 1.28 0.00	76.52 1.39 0.00	65.19 1.31 0.00	80.31 1.58 0.00	82.59 2.09 -0.36	93.50 3.14 -2.70	71.76 1.89 -2.16	83.06 1.41 -2.69	64.83 1.05 -0.32	51.13 0.56 0.00
GOUDEY___8 23580	55.70 0.01 0.00	50.52 -0.06 0.00	42.94 -0.31 0.00	37.76 -0.28 0.00	37.10 -0.24 0.00	41.15 -0.26 0.00	52.19 -0.20 -0.07	49.40 -0.09 0.00	49.12 0.09 0.00	52.15 0.32 0.00	63.68 0.45 0.00	72.59 0.95 0.00	88.37 1.25 0.00	66.98 0.90 0.00	86.07 1.28 0.00	76.52 1.39 0.00	65.19 1.31 0.00	80.31 1.58 0.00	82.59 2.09 -0.36	93.50 3.14 -2.70	71.76 1.89 -2.16	83.06 1.41 -2.69	64.83 1.05 -0.32	51.13 0.56 0.00
GOWANUS_GT1_1 24077	56.49 0.80 0.00	51.58 1.00 0.00	44.27 1.01 0.00	38.91 0.86 0.00	38.22 0.88 0.00	42.28 0.87 0.00	52.95 0.64 0.00	50.50 1.00 0.00	50.28 1.24 0.00	52.92 1.09 0.00	64.33 1.09 0.00	72.41 0.77 0.00	88.08 0.95 0.00	67.56 1.48 0.00	86.86 2.07 0.00	78.19 3.06 0.00	67.44 3.55 0.00	82.78 4.05 0.00	83.79 3.65 0.00	91.08 3.42 0.00	69.26 1.55 0.00	79.78 0.81 0.00	63.62 0.15 0.00	51.43 0.85 0.00
GOWANUS_GT1_2 24078	56.49 0.80 0.00	51.58 1.00 0.00	44.27 1.01 0.00	38.91 0.86 0.00	38.22 0.88 0.00	42.28 0.87 0.00	52.95 0.64 0.00	50.50 1.00 0.00	50.28 1.24 0.00	52.92 1.09 0.00	64.33 1.09 0.00	72.41 0.77 0.00	88.08 0.95 0.00	67.56 1.48 0.00	86.86 2.07 0.00	78.19 3.06 0.00	67.44 3.55 0.00	82.78 4.05 0.00	83.79 3.65 0.00	91.08 3.42 0.00	69.26 1.55 0.00	79.78 0.81 0.00	63.62 0.15 0.00	51.43 0.85 0.00
GOWANUS_GT1_3 24079	56.49 0.80 0.00	51.58 1.00 0.00	44.27 1.01 0.00	38.91 0.86 0.00	38.22 0.88 0.00	42.28 0.87 0.00	52.95 0.64 0.00	50.50 1.00 0.00	50.28 1.24 0.00	52.92 1.09 0.00	64.33 1.09 0.00	72.41 0.77 0.00	88.08 0.95 0.00	67.56 1.48 0.00	86.86 2.07 0.00	78.19 3.06 0.00	67.44 3.55 0.00	82.78 4.05 0.00	83.79 3.65 0.00	91.08 3.42 0.00	69.26 1.55 0.00	79.78 0.81 0.00	63.62 0.15 0.00	51.43 0.85 0.00
GOWANUS_GT1_4 24080	56.49 0.80 0.00	51.58 1.00 0.00	44.27 1.01 0.00	38.91 0.86 0.00	38.22 0.88 0.00	42.28 0.87 0.00	52.95 0.64 0.00	50.50 1.00 0.00	50.28 1.24 0.00	52.92 1.09 0.00	64.33 1.09 0.00	72.41 0.77 0.00	88.08 0.95 0.00	67.56 1.48 0.00	86.86 2.07 0.00	78.19 3.06 0.00	67.44 3.55 0.00	82.78 4.05 0.00	83.79 3.65 0.00	91.08 3.42 0.00	69.26 1.55 0.00	79.78 0.81 0.00	63.62 0.15 0.00	51.43 0.85 0.00
GOWANUS_GT1_5 24084	56.49 0.80 0.00	51.58 1.00 0.00	44.27 1.01 0.00	38.91 0.86 0.00	38.22 0.88 0.00	42.28 0.87 0.00	52.95 0.64 0.00	50.50 1.00 0.00	50.28 1.24 0.00	52.92 1.09 0.00	64.33 1.09 0.00	72.41 0.77 0.00	88.08 0.95 0.00	67.56 1.48 0.00	86.86 2.07 0.00	78.19 3.06 0.00	67.44 3.55 0.00	82.78 4.05 0.00	83.79 3.65 0.00	91.08 3.42 0.00	69.26 1.55 0.00	79.78 0.81 0.00	63.62 0.15 0.00	51.43 0.85 0.00
GOWANUS_GT1_6 24111	56.49 0.80 0.00	51.58 1.00 0.00	44.27 1.01 0.00	38.91 0.86 0.00	38.22 0.88 0.00	42.28 0.87 0.00	52.95 0.64 0.00	50.50 1.00 0.00	50.28 1.24 0.0															

GOWANUS_GT2_6 24119	56.50 0.81 0.00	51.58 1.00 0.00	44.27 1.01 0.00	38.91 0.86 0.00	38.23 0.88 0.00	42.28 0.88 0.00	52.96 0.64 0.00	50.50 1.00 0.00	50.27 1.23 0.00	52.92 1.08 0.00	64.32 1.08 0.00	72.41 0.77 0.00	88.08 0.96 0.00	67.55 1.46 0.00	86.85 2.06 0.00	78.18 3.05 0.00	67.45 3.57 0.00	82.78 4.05 0.00	83.77 3.63 0.00	91.06 3.40 0.00	69.24 1.53 0.00	79.76 0.80 0.00	63.62 0.15 0.00	51.43 0.86 0.00
GOWANUS_GT2_7 24120	56.50 0.81 0.00	51.58 1.00 0.00	44.27 1.01 0.00	38.91 0.86 0.00	38.23 0.88 0.00	42.28 0.88 0.00	52.96 0.64 0.00	50.50 1.00 0.00	50.27 1.23 0.00	52.92 1.08 0.00	64.32 1.08 0.00	72.41 0.77 0.00	88.08 0.96 0.00	67.55 1.46 0.00	86.85 2.06 0.00	78.18 3.05 0.00	67.45 3.57 0.00	82.78 4.05 0.00	83.77 3.63 0.00	91.06 3.40 0.00	69.24 1.53 0.00	79.76 0.80 0.00	63.62 0.15 0.00	51.43 0.86 0.00
GOWANUS_GT2_8 24121	56.50 0.81 0.00	51.58 1.00 0.00	44.27 1.01 0.00	38.91 0.86 0.00	38.23 0.88 0.00	42.28 0.88 0.00	52.96 0.64 0.00	50.50 1.00 0.00	50.27 1.23 0.00	52.92 1.08 0.00	64.32 1.08 0.00	72.41 0.77 0.00	88.08 0.96 0.00	67.55 1.46 0.00	86.85 2.06 0.00	78.18 3.05 0.00	67.45 3.57 0.00	82.78 4.05 0.00	83.77 3.63 0.00	91.06 3.40 0.00	69.24 1.53 0.00	79.76 0.80 0.00	63.62 0.15 0.00	51.43 0.86 0.00
GOWANUS_GT3_1 24122	56.50 0.81 0.00	51.58 1.00 0.00	44.27 1.01 0.00	38.91 0.86 0.00	38.23 0.88 0.00	42.28 0.88 0.00	52.96 0.64 0.00	50.50 1.00 0.00	50.27 1.23 0.00	52.92 1.08 0.00	64.32 1.08 0.00	72.41 0.77 0.00	88.08 0.96 0.00	67.55 1.46 0.00	86.85 2.06 0.00	78.18 3.05 0.00	67.45 3.57 0.00	82.78 4.05 0.00	83.77 3.63 0.00	91.06 3.40 0.00	69.24 1.53 0.00	79.76 0.80 0.00	63.62 0.15 0.00	51.43 0.86 0.00
GOWANUS_GT3_2 24123	56.50 0.81 0.00	51.58 1.00 0.00	44.27 1.01 0.00	38.91 0.86 0.00	38.23 0.88 0.00	42.28 0.88 0.00	52.96 0.64 0.00	50.50 1.00 0.00	50.27 1.23 0.00	52.92 1.08 0.00	64.32 1.08 0.00	72.41 0.77 0.00	88.08 0.96 0.00	67.55 1.46 0.00	86.85 2.06 0.00	78.18 3.05 0.00	67.45 3.57 0.00	82.78 4.05 0.00	83.77 3.63 0.00	91.06 3.40 0.00	69.24 1.53 0.00	79.76 0.80 0.00	63.62 0.15 0.00	51.43 0.86 0.00
GOWANUS_GT3_3 24124	56.50 0.81 0.00	51.58 1.00 0.00	44.27 1.01 0.00	38.91 0.86 0.00	38.23 0.88 0.00	42.28 0.88 0.00	52.96 0.64 0.00	50.50 1.00 0.00	50.27 1.23 0.00	52.92 1.08 0.00	64.32 1.08 0.00	72.41 0.77 0.00	88.08 0.96 0.00	67.55 1.46 0.00	86.85 2.06 0.00	78.18 3.05 0.00	67.45 3.57 0.00	82.78 4.05 0.00	83.77 3.63 0.00	91.06 3.40 0.00	69.24 1.53 0.00	79.76 0.80 0.00	63.62 0.15 0.00	51.43 0.86 0.00
GOWANUS_GT3_4 24125	56.50 0.81 0.00	51.58 1.00 0.00	44.27 1.01 0.00	38.91 0.86 0.00	38.23 0.88 0.00	42.28 0.88 0.00	52.96 0.64 0.00	50.50 1.00 0.00	50.27 1.23 0.00	52.92 1.08 0.00	64.32 1.08 0.00	72.41 0.77 0.00	88.08 0.96 0.00	67.55 1.46 0.00	86.85 2.06 0.00	78.18 3.05 0.00	67.45 3.57 0.00	82.78 4.05 0.00	83.77 3.63 0.00	91.06 3.40 0.00	69.24 1.53 0.00	79.76 0.80 0.00	63.62 0.15 0.00	51.43 0.86 0.00
GOWANUS_GT3_5 24126	56.50 0.81 0.00	51.58 1.00 0.00	44.27 1.01 0.00	38.91 0.86 0.00	38.23 0.88 0.00	42.28 0.88 0.00	52.96 0.64 0.00	50.50 1.00 0.00	50.27 1.23 0.00	52.92 1.08 0.00	64.32 1.08 0.00	72.41 0.77 0.00	88.08 0.96 0.00	67.55 1.46 0.00	86.85 2.06 0.00	78.18 3.05 0.00	67.45 3.57 0.00	82.78 4.05 0.00	83.77 3.63 0.00	91.06 3.40 0.00	69.24 1.53 0.00	79.76 0.80 0.00	63.62 0.15 0.00	51.43 0.86 0.00
GOWANUS_GT3_6 24127	56.50 0.81 0.00	51.58 1.00 0.00	44.27 1.01 0.00	38.91 0.86 0.00	38.23 0.88 0.00	42.28 0.88 0.00	52.96 0.64 0.00	50.50 1.00 0.00	50.27 1.23 0.00	52.92 1.08 0.00	64.32 1.08 0.00	72.41 0.77 0.00	88.08 0.96 0.00	67.55 1.46 0.00	86.85 2.06 0.00	78.18 3.05 0.00	67.45 3.57 0.00	82.78 4.05 0.00	83.77 3.63 0.00	91.06 3.40 0.00	69.24 1.53 0.00	79.76 0.80 0.00	63.62 0.15 0.00	51.43 0.86 0.00
GOWANUS_GT3_7 24128	56.50 0.81 0.00	51.58 1.00 0.00	44.27 1.01 0.00	38.91 0.86 0.00	38.23 0.88 0.00	42.28 0.88 0.00	52.96 0.64 0.00	50.50 1.00 0.00	50.27 1.23 0.00	52.92 1.08 0.00	64.32 1.08 0.00	72.41 0.77 0.00	88.08 0.96 0.00	67.55 1.46 0.00	86.85 2.06 0.00	78.18 3.05 0.00	67.45 3.57 0.00	82.78 4.05 0.00	83.77 3.63 0.00	91.06 3.40 0.00	69.24 1.53 0.00	79.76 0.80 0.00	63.62 0.15 0.00	51.43 0.86 0.00
GOWANUS_GT3_8 24129	56.50 0.81 0.00	51.58 1.00 0.00	44.27 1.01 0.00	38.91 0.86 0.00	38.23 0.88 0.00	42.28 0.88 0.00	52.96 0.64 0.00	50.50 1.00 0.00	50.27 1.23 0.00	52.92 1.08 0.00	64.32 1.08 0.00	72.41 0.77 0.00	88.08 0.96 0.00	67.55 1.46 0.00	86.85 2.06 0.00	78.18 3.05 0.00	67.45 3.57 0.00	82.78 4.05 0.00	83.77 3.63 0.00	91.06 3.40 0.00	69.24 1.53 0.00	79.76 0.80 0.00	63.62 0.15 0.00	51.43 0.86 0.00
GOWANUS_GT4_1 24130	56.49 0.80 0.00	51.58 1.00 0.00	44.27 1.01 0.00	38.91 0.86 0.00	38.22 0.88 0.00	42.28 0.87 0.00	52.95 0.64 0.00	50.50 1.00 0.00	50.28 1.24 0.00	52.92 1.09 0.00	64.33 1.09 0.00	72.41 0.77 0.00	88.08 0.95 0.00	67.56 1.48 0.00	86.86 2.07 0.00	78.19 3.06 0.00	67.44 3.55 0.00	82.78 4.05 0.00	83.79 3.65 0.00	91.08 3.42 0.00	69.26 1.55 0.00	79.78 0.81 0.00	63.62 0.15 0.00	51.43 0.85 0.00
GOWANUS_GT4_2 24131	56.49 0.80 0.00	51.58 1.00 0.00	44.27 1.01 0.00	38.91 0.86 0.00	38.22 0.88 0.00	42.28 0.87 0.00	52.95 0.64 0.00	50.50 1.00 0.00	50.28 1.24 0.00	52.92 1.09 0.00	64.33 1.09 0.00	72.41 0.77 0.00	88.08 0.95 0.00	67.56 1.48 0.00	86.86 2.07 0.00	78.19 3.06 0.00	67.44 3.55 0.00	82.78 4.05 0.00	83.79 3.65 0.00	91.08 3.42 0.00	69.26 1.55 0.00	79.78 0.81 0.00	63.62 0.15 0.00	51.43 0.85 0.00
GOWANUS_GT4_3 24132	56.49 0.80 0.00	51.58 1.00 0.00	44.27 1.01 0.00	38.91 0.86 0.00	38.22 0.88 0.00	42.28 0.87 0.00	52.95 0.64 0.00	50.50 1.00 0.00	50.28 1.24 0.00	52.92 1.09 0.00	64.33 1.09 0.00	72.41 0.77 0.00	88.08 0.95 0.00	67.56 1.48 0.00	86.86 2.07 0.00	78.19 3.06 0.00	67.44 3.55 0.00	82.78 4.05 0.00	83.79 3.65 0.00	91.08 3.42 0.00	69.26 1.55 0.00	79.78 0.81 0.00	63.62 0.15 0.00	51.43 0.85 0.00
GOWANUS_GT4_4 24133	56.49 0.80 0.00	51.58 1.00 0.00	44.27 1.01 0.00	38.91 0.86 0.00	38.22 0.88 0.00	42.28 0.87 0.00	52.95 0.64 0.00	50.50 1.00 0.00	50.28 1.24 0.00	52.92 1.09 0.00	64.33 1.09 0.00	72.41 0.77 0.00	88.08 0.95 0.00	67.56 1.48 0.00	86.86 2.07 0.00	78.19 3.06 0.00	67.44 3.55 0.00	82.78 4.05 0.00	83.79 3.65 0.00	91.08 3.42 0.00	69.26 1.55 0.00	79.78 0.81 0.00	63.62 0.15 0.00	51.43 0.85 0.00

GOWANUS_GT4_5 24134	56.49 0.80 0.00	51.58 1.00 0.00	44.27 1.01 0.00	38.91 0.86 0.00	38.22 0.88 0.00	42.28 0.87 0.00	52.95 0.64 0.00	50.50 1.00 0.00	50.28 1.24 0.00	52.92 1.09 0.00	64.33 1.09 0.00	72.41 0.77 0.00	88.08 0.95 0.00	67.56 1.48 0.00	86.86 2.07 0.00	78.19 3.06 0.00	67.44 3.55 0.00	82.78 4.05 0.00	83.79 3.65 0.00	91.08 3.42 0.00	69.26 1.55 0.00	79.78 0.81 0.00	63.62 0.15 0.00	51.43 0.85 0.00
GOWANUS_GT4_6 24135	56.49 0.80 0.00	51.58 1.00 0.00	44.27 1.01 0.00	38.91 0.86 0.00	38.22 0.88 0.00	42.28 0.87 0.00	52.95 0.64 0.00	50.50 1.00 0.00	50.28 1.24 0.00	52.92 1.09 0.00	64.33 1.09 0.00	72.41 0.77 0.00	88.08 0.95 0.00	67.56 1.48 0.00	86.86 2.07 0.00	78.19 3.06 0.00	67.44 3.55 0.00	82.78 4.05 0.00	83.79 3.65 0.00	91.08 3.42 0.00	69.26 1.55 0.00	79.78 0.81 0.00	63.62 0.15 0.00	51.43 0.85 0.00
GOWANUS_GT4_7 24136	56.49 0.80 0.00	51.58 1.00 0.00	44.27 1.01 0.00	38.91 0.86 0.00	38.22 0.88 0.00	42.28 0.87 0.00	52.95 0.64 0.00	50.50 1.00 0.00	50.28 1.24 0.00	52.92 1.09 0.00	64.33 1.09 0.00	72.41 0.77 0.00	88.08 0.95 0.00	67.56 1.48 0.00	86.86 2.07 0.00	78.19 3.06 0.00	67.44 3.55 0.00	82.78 4.05 0.00	83.79 3.65 0.00	91.08 3.42 0.00	69.26 1.55 0.00	79.78 0.81 0.00	63.62 0.15 0.00	51.43 0.85 0.00
GOWANUS_GT4_8 24137	56.49 0.80 0.00	51.58 1.00 0.00	44.27 1.01 0.00	38.91 0.86 0.00	38.22 0.88 0.00	42.28 0.87 0.00	52.95 0.64 0.00	50.50 1.00 0.00	50.28 1.24 0.00	52.92 1.09 0.00	64.33 1.09 0.00	72.41 0.77 0.00	88.08 0.95 0.00	67.56 1.48 0.00	86.86 2.07 0.00	78.19 3.06 0.00	67.44 3.55 0.00	82.78 4.05 0.00	83.79 3.65 0.00	91.08 3.42 0.00	69.26 1.55 0.00	79.78 0.81 0.00	63.62 0.15 0.00	51.43 0.85 0.00
GREATVRV_69_KV_BK1 356245	57.43 1.74 0.00	52.21 1.63 0.00	44.61 1.36 0.00	39.20 1.16 0.00	38.51 1.17 0.00	42.49 1.09 0.00	53.06 0.75 0.00	50.31 0.81 0.00	50.26 1.22 0.00	53.52 1.69 0.00	66.94 3.71 0.00	74.48 2.84 0.00	88.53 2.10 0.69	68.31 2.22 0.00	91.32 3.93 -2.60	139.59 5.32 -59.14	151.09 5.55 -81.66	152.46 6.16 -67.56	137.65 5.58 -51.93	94.28 4.81 -1.82	70.39 2.77 0.08	81.16 2.19 0.00	64.44 0.97 0.00	52.63 2.05 0.00
GREENBSH_115KV_TB3 55895	56.50 0.80 0.00	51.54 0.96 0.00	44.24 0.98 0.00	38.93 0.88 0.00	38.21 0.87 0.00	42.30 0.89 0.00	53.24 0.92 0.00	50.21 0.71 0.00	49.48 0.44 0.00	52.04 0.21 0.00	63.34 0.10 0.00	71.37 -0.27 0.00	86.79 -0.33 0.00	65.34 -0.74 0.00	83.91 -0.87 0.00	74.89 -0.24 0.00	63.81 -0.07 0.00	78.40 -0.33 0.00	79.88 -0.26 0.00	87.08 -0.58 0.00	66.99 -0.72 0.00	77.93 -1.03 0.00	62.37 -1.09 0.00	49.84 -0.73 0.00
GREENDGE_115KV_TB5 80291	55.95 0.26 0.00	50.41 -0.17 0.00	42.75 -0.51 0.00	37.60 -0.44 0.00	36.92 -0.42 0.00	41.07 -0.34 0.00	52.10 -0.28 -0.06	49.62 0.12 0.00	49.24 0.20 0.00	52.51 0.68 0.00	64.22 0.98 0.00	73.67 2.03 0.00	89.47 2.60 0.25	62.72 2.09 5.45	84.02 2.57 3.33	77.32 2.60 0.41	65.73 1.85 0.00	81.41 2.68 0.00	84.42 3.97 -0.30	95.87 5.91 -2.30	73.60 4.06 -1.84	84.19 2.94 -2.29	66.41 2.68 -0.27	52.20 1.63 0.00
GREENIDGE___3 23582	55.95 0.26 0.00	50.41 -0.17 0.00	42.75 -0.51 0.00	37.60 -0.44 0.00	36.92 -0.42 0.00	41.07 -0.34 0.00	52.10 -0.28 -0.06	49.62 0.12 0.00	49.24 0.20 0.00	52.51 0.68 0.00	64.22 0.98 0.00	73.67 2.03 0.00	89.47 2.60 0.25	62.72 2.09 5.45	84.02 2.57 3.33	77.32 2.60 0.41	65.73 1.85 0.00	81.41 2.68 0.00	84.42 3.97 -0.30	95.87 5.91 -2.30	73.60 4.06 -1.84	84.19 2.94 -2.29	66.41 2.68 -0.27	52.20 1.63 0.00
GREENIDGE___4 23583	55.95 0.26 0.00	50.41 -0.17 0.00	42.75 -0.51 0.00	37.60 -0.44 0.00	36.92 -0.42 0.00	41.07 -0.34 0.00	52.11 -0.27 -0.06	49.62 0.12 0.00	49.24 0.20 0.00	52.51 0.68 0.00	64.22 0.98 0.00	73.67 2.04 0.00	89.47 2.60 0.25	62.73 2.09 5.45	84.03 2.57 3.33	77.34 2.61 0.41	65.73 1.85 0.00	81.42 2.69 0.00	84.42 3.98 -0.30	95.90 5.94 -2.30	73.60 4.06 -1.84	84.19 2.93 -2.29	66.42 2.69 -0.27	52.19 1.61 0.00
GREENLWN_69_KV_BK 3 55738	56.33 0.64 0.00	51.30 0.72 0.00	43.87 0.61 0.00	38.57 0.52 0.00	37.87 0.53 0.00	41.83 0.43 0.00	52.30 -0.02 0.00	49.46 -0.04 0.00	49.27 0.22 0.00	52.29 0.46 0.00	65.24 2.00 0.00	72.35 0.71 0.00	84.41 -0.97 1.74	66.12 0.04 0.00	84.66 0.84 0.96	55.45 2.40 23.59	43.43 3.14 18.35	63.57 3.18 21.85	60.92 2.63 18.35	87.06 1.58 2.17	67.85 0.22 0.08	78.23 -0.74 0.00	62.30 -1.17 0.00	51.08 0.51 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	56.49 0.80 0.00	51.58 1.00 0.00	44.27 1.01 0.00	38.91 0.86 0.00	38.22 0.88 0.00	42.28 0.87 0.00	52.95 0.64 0.00	50.50 1.00 0.00	50.28 1.24 0.00	52.92 1.09 0.00	64.33 1.09 0.00	72.41 0.77 0.00	88.08 0.95 0.00	67.56 1.48 0.00	86.86 2.07 0.00	78.19 3.06 0.00	67.44 3.55 0.00	82.78 4.05 0.00	83.79 3.65 0.00	91.08 3.42 0.00	69.26 1.55 0.00	79.78 0.81 0.00	63.62 0.15 0.00	51.43 0.85 0.00
GRISSOM___SOLAR 323813	58.19 2.50 0.00	52.79 2.21 0.00	45.08 1.83 0.00	39.54 1.50 0.00	38.86 1.52 0.00	43.14 1.74 0.00	54.61 2.30 0.00	51.07 1.57 0.00	49.46 0.42 0.00	51.73 -0.10 0.00	62.90 -0.34 0.00	71.17 -0.47 0.00	86.72 -0.40 0.00	66.17 0.08 0.00	84.87 0.09 0.00	75.59 0.45 0.00	64.85 0.96 0.00	80.81 2.08 0.00	83.89 3.75 0.00	93.85 6.19 0.00	72.63 4.92 0.00	84.21 5.24 0.00	67.26 3.79 0.00	53.40 2.82 0.00
GROVEVILLE___HYD 323602	57.16 1.46 0.00	52.06 1.49 0.00	44.52 1.27 0.00	39.15 1.10 0.00	38.45 1.11 0.00	42.54 1.14 0.00	53.53 1.21 0.00	50.78 1.28 0.00	50.38 1.34 0.00	53.07 1.24 0.00	64.68 1.45 0.00	72.87 1.23 0.00	88.66 1.54 0.00	67.87 1.79 0.00	87.42 2.64 0.00	78.47 3.34 0.00	67.53 3.64 0.00	83.17 4.43 0.00	84.35 4.21 0.00	91.58 3.92 0.00	69.94 2.23 0.00	80.65 1.68 0.00	64.26 0.80 0.00	51.58 1.00 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	55.57 -0.12 0.00	50.27 -0.31 0.00	42.81 -0.44 0.00	37.60 -0.45 0.00	36.91 -0.43 0.00	40.98 -0.43 0.00	52.06 -0.44 -0.18	49.16 -0.34 0.00	48.75 -0.29 0.00	51.59 -0.24 0.00	63.29 0.06 0.00	71.95 0.31 0.00	87.47 0.35 0.00	66.29 0.21 0.00	85.12 0.33 0.00	75.58 0.45 0.00	64.21 0.33 0.00	79.34 0.60 0.00	82.14 1.10 -0.90	96.38 1.90 -6.83	74.36 1.20 -5.45	86.52 0.77 -6.79	67.23 0.30 -3.46	51.06 0.03 -0.46
HAMLTNNY_34_KV_TB 80303	56.10 0.40 0.00	50.64 0.06 0.00	43.03 -0.22 0.00	37.72 -0.32 0.00	37.03 -0.31 0.00	41.16 -0.25 0.00	52.30 -0.19 -0.18	49.07 -0.43 0.00	48.76 -0.28 0.00	51.73 -0.10 0.00	63.57 0.33 0.00	73.04 1.40 0.00	89.13 2.01 0.00	67.70 1.62 0.00	86.79 2.00 0.00	77.14 2.01 0.00	65.45 1.57 0.00	80.68 1.95 0.00	83.61 2.61 -0.86	98.00 3.82 -6.53	75.68 2.76 -5.21	87.89 2.43 -6.49	65.88 1.65 -0.76	51.67 1.10 0.00

HAMPSHIRE___PAPER_HYD 323593	67.31 1.79 -9.83	51.68 1.10 0.00	44.02 0.76 0.00	38.66 0.62 0.00	38.09 0.74 0.00	42.56 1.15 0.00	54.34 1.97 -0.06	51.44 1.94 0.00	50.89 1.84 0.00	53.76 1.93 0.00	65.66 2.42 0.00	74.20 2.56 0.00	90.18 3.06 0.00	67.68 1.60 0.00	85.70 0.91 0.00	75.16 0.03 0.00	63.62 -0.26 0.00	78.78 0.04 0.00	81.12 0.70 -0.28	91.79 2.02 -2.12	71.41 2.01 -1.69	83.73 2.65 -2.11	185.04 3.28 -118.30	95.83 1.97 -43.28
HARDSCRABBLE_WT_PWR 323673	57.05 1.36 0.00	51.97 1.40 0.00	44.51 1.25 0.00	39.15 1.11 0.00	38.50 1.16 0.00	42.66 1.26 0.00	53.70 1.38 0.00	50.38 0.88 0.00	49.04 0.00 0.00	51.33 -0.50 0.00	62.31 -0.93 0.00	70.56 -1.08 0.00	86.08 -1.04 0.00	65.52 -0.56 0.00	84.37 -0.42 0.00	75.45 0.32 0.00	64.71 0.82 0.00	80.40 1.66 0.00	82.72 2.58 0.00	91.25 3.59 0.00	70.22 2.51 0.00	81.43 2.46 0.00	64.80 1.33 0.00	51.32 0.74 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	56.74 1.05 0.00	51.66 1.09 0.00	44.17 0.91 0.00	38.84 0.79 0.00	38.14 0.80 0.00	42.19 0.78 0.00	53.08 0.77 0.00	50.35 0.85 0.00	50.03 0.99 0.00	52.85 1.01 0.00	64.62 1.39 0.00	72.98 1.35 0.00	88.84 1.72 0.00	67.99 1.91 0.00	87.54 2.75 0.00	78.58 3.45 0.00	67.60 3.72 0.00	83.27 4.54 0.00	84.53 4.39 0.00	91.89 4.23 0.00	70.07 2.35 0.00	80.79 1.82 0.00	64.41 0.95 0.00	51.60 1.03 0.00
HARSNRAD_115KV_TB1 81005	56.02 0.33 0.00	49.91 -0.67 0.00	41.65 -1.60 0.00	36.44 -1.61 0.00	35.73 -1.61 0.00	39.94 -1.46 0.00	51.22 -1.10 0.00	48.68 -0.82 0.00	49.43 0.39 0.00	53.61 1.78 0.00	65.73 2.49 0.00	76.41 4.77 0.00	94.37 6.21 -1.04	92.39 3.40 -22.91	102.75 3.96 -14.00	80.55 3.71 -1.71	65.41 1.52 0.00	80.43 1.69 0.00	82.93 2.79 0.00	93.10 5.45 0.00	72.03 4.32 0.00	82.55 3.58 0.00	67.09 3.63 0.00	53.38 2.81 0.00
HARZA MOOSE___RIVER 24016	59.85 1.44 -2.72	51.41 0.83 0.00	43.76 0.51 0.00	38.38 0.34 0.00	37.85 0.51 0.00	42.32 0.92 0.00	53.97 1.60 -0.05	51.15 1.64 0.00	50.61 1.57 0.00	53.47 1.64 0.00	65.27 2.03 0.00	73.83 2.19 0.00	89.95 2.83 0.00	67.89 1.80 0.00	86.65 1.86 0.00	76.67 1.54 0.00	65.37 1.49 0.00	81.03 2.29 0.00	83.53 3.15 -0.24	94.10 4.61 -1.83	72.81 3.63 -1.46	84.70 3.90 -1.82	99.54 3.22 -32.86	64.35 1.81 -11.97
HDSNBRDG_115KV_BRDG_TB1 355580	55.08 -0.61 0.00	49.87 -0.71 0.00	42.47 -0.78 0.00	37.31 -0.74 0.00	36.62 -0.73 0.00	40.64 -0.76 0.00	51.55 -0.87 -0.10	48.76 -0.74 0.00	48.45 -0.59 0.00	51.37 -0.46 0.00	62.87 -0.36 0.00	71.53 -0.10 0.00	87.24 0.11 0.00	66.18 0.10 0.00	85.00 0.21 0.00	75.57 0.44 0.00	64.23 0.34 0.00	79.25 0.52 0.00	81.58 0.94 -0.49	92.94 1.54 -3.74	71.62 0.93 -2.99	83.14 0.45 -3.72	67.01 0.11 -3.44	50.99 -0.10 -0.52
HELLGATE_13_KV_LD 55870	56.91 1.22 0.00	51.95 1.37 0.00	44.50 1.24 0.00	39.12 1.07 0.00	38.42 1.07 0.00	42.51 1.11 0.00	53.41 1.09 0.00	50.93 1.43 0.00	50.70 1.66 0.00	53.43 1.59 0.00	64.91 1.67 0.00	73.05 1.42 0.00	88.90 1.77 0.00	68.19 2.10 0.00	87.66 2.87 0.00	78.82 3.69 0.00	67.97 4.08 0.00	83.46 4.73 0.00	84.34 4.21 0.00	91.56 3.90 0.00	69.68 1.97 0.00	80.26 1.29 0.00	63.95 0.48 0.00	51.60 1.03 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	56.91 1.22 0.00	51.95 1.37 0.00	44.50 1.24 0.00	39.12 1.07 0.00	38.42 1.07 0.00	42.51 1.11 0.00	53.41 1.09 0.00	50.93 1.43 0.00	50.70 1.66 0.00	53.43 1.59 0.00	64.91 1.67 0.00	73.05 1.42 0.00	88.90 1.77 0.00	68.19 2.10 0.00	87.66 2.87 0.00	78.82 3.69 0.00	67.97 4.08 0.00	83.46 4.73 0.00	84.34 4.21 0.00	91.56 3.90 0.00	69.68 1.97 0.00	80.26 1.29 0.00	63.95 0.48 0.00	51.60 1.03 0.00
HEMPSTEAD____ 23647	56.54 0.84 0.00	51.50 0.92 0.00	44.05 0.80 0.00	38.72 0.67 0.00	38.04 0.70 0.00	42.03 0.62 0.00	52.65 0.34 0.00	49.92 0.42 0.00	49.79 0.74 0.00	52.72 0.88 0.00	65.08 1.84 0.00	72.60 0.96 0.00	87.50 0.38 0.00	67.14 1.06 0.00	86.80 2.02 0.00	78.38 3.25 0.00	67.61 3.72 0.00	82.80 4.07 0.00	83.52 3.51 0.13	90.04 2.70 0.31	68.95 1.31 0.07	79.62 0.66 0.00	63.32 -0.14 0.00	51.37 0.80 0.00
HICKLING___1 23621	55.66 -0.03 0.00	50.17 -0.41 0.00	42.35 -0.91 0.00	37.25 -0.80 0.00	36.60 -0.74 0.00	40.64 -0.76 0.00	51.76 -0.61 -0.06	49.16 -0.34 0.00	49.10 0.06 0.00	52.49 0.65 0.00	64.26 1.02 0.00	73.72 2.08 0.00	90.12 2.74 -0.25	73.45 1.79 -5.58	90.70 2.50 -3.41	78.05 2.50 -0.42	65.94 2.06 0.00	81.25 2.51 0.00	83.94 3.50 -0.30	95.49 5.58 -2.26	73.07 3.56 -1.80	83.95 2.74 -2.24	65.94 2.21 -0.26	51.85 1.27 0.00
HICKLING___2 23622	55.66 -0.03 0.00	50.17 -0.41 0.00	42.35 -0.91 0.00	37.25 -0.80 0.00	36.60 -0.74 0.00	40.64 -0.76 0.00	51.76 -0.61 -0.06	49.16 -0.34 0.00	49.10 0.06 0.00	52.49 0.65 0.00	64.26 1.02 0.00	73.72 2.08 0.00	90.12 2.74 -0.25	73.45 1.79 -5.58	90.70 2.50 -3.41	78.05 2.50 -0.42	65.94 2.06 0.00	81.25 2.51 0.00	83.94 3.50 -0.30	95.49 5.58 -2.26	73.07 3.56 -1.80	83.95 2.74 -2.24	65.94 2.21 -0.26	51.85 1.27 0.00
HIGH FALLS___HY 23754	57.00 1.31 0.00	51.88 1.30 0.00	44.31 1.06 0.00	38.95 0.90 0.00	38.26 0.91 0.00	42.31 0.91 0.00	53.27 0.96 0.00	50.57 1.07 0.00	50.23 1.19 0.00	52.95 1.12 0.00	64.57 1.34 0.00	72.87 1.23 0.00	88.61 1.49 0.00	67.89 1.81 0.00	87.11 2.33 0.00	78.28 3.15 0.00	67.63 3.74 0.00	83.56 4.83 0.00	84.98 4.84 0.00	92.47 4.82 0.00	70.90 3.19 0.00	81.67 2.70 0.00	65.02 1.55 0.00	52.04 1.46 0.00
HIGH_RIVER___SOLAR 323847	57.23 1.54 0.00	52.02 1.44 0.00	44.50 1.24 0.00	39.10 1.05 0.00	38.39 1.05 0.00	42.58 1.18 0.00	53.76 1.44 0.00	50.53 1.03 0.00	49.38 0.34 0.00	51.65 -0.19 0.00	62.78 -0.45 0.00	70.99 -0.65 0.00	86.46 -0.66 0.00	65.86 -0.22 0.00	84.57 -0.21 0.00	75.30 0.17 0.00	64.52 0.63 0.00	80.25 1.52 0.00	82.73 2.60 0.00	91.45 3.80 0.00	70.59 2.87 0.00	81.98 3.01 0.00	65.55 2.09 0.00	52.18 1.61 0.00
HILLBURN___GT 23639	56.43 0.74 0.00	51.39 0.81 0.00	43.96 0.70 0.00	38.65 0.61 0.00	37.97 0.63 0.00	42.00 0.59 0.00	52.82 0.50 0.00	50.11 0.61 0.00	49.81 0.77 0.00	52.57 0.74 0.00	64.28 1.04 0.00	72.52 0.88 0.00	88.21 1.09 0.00	67.48 1.40 0.00	86.86 2.08 0.00	78.01 2.88 0.00	67.10 3.21 0.00	82.59 3.86 0.00	83.76 3.62 0.00	91.05 3.39 0.00	69.45 1.74 0.00	80.06 1.09 0.00	63.84 0.38 0.00	51.25 0.68 0.00
HILLSIDE_115KV_TB1 80332	54.87 -0.83 0.00	49.58 -1.00 0.00	41.91 -1.35 0.00	36.89 -1.16 0.00	36.26 -1.08 0.00	40.23 -1.18 0.00	51.13 -1.25 -0.06	48.54 -0.96 0.00	48.43 -0.61 0.00	51.67 -0.17 0.00	63.16 -0.08 0.00	72.32 0.68 0.00	88.29 0.94 -0.23	71.68 0.49 -5.11	88.74 0.83 -3.12	76.46 0.94 -0.38	64.73 0.84 0.00	79.62 0.88 0.00	82.02 1.57 -0.31	93.21 3.22 -2.34	71.27 1.69 -1.87	82.10 0.80 -2.33	64.50 0.76 -0.27	50.78 0.20 0.00

HISHELDN_WT_PWR 323625	55.77 0.08 0.00	49.74 -0.84 0.00	41.61 -1.65 0.00	36.44 -1.61 0.00	35.81 -1.54 0.00	39.97 -1.43 0.00	51.25 -1.06 0.00	48.77 -0.73 0.00	49.35 0.31 0.00	53.41 1.57 0.00	65.54 2.31 0.00	75.96 4.33 0.00	93.39 5.57 -0.70	84.82 3.34 -15.40	98.24 4.04 -9.41	80.03 3.75 -1.15	65.93 2.05 0.00	81.14 2.41 0.00	83.78 3.64 0.00	94.17 6.51 0.00	72.62 4.91 0.00	83.07 4.11 0.00	67.27 3.80 0.00	53.21 2.63 0.00
HOLTSVILLE_IC_1 23690	56.33 0.63 0.00	51.27 0.69 0.00	43.86 0.60 0.00	38.56 0.51 0.00	37.91 0.56 0.00	41.76 0.35 0.00	52.05 -0.26 0.00	49.27 -0.23 0.00	49.18 0.14 0.00	52.38 0.55 0.00	65.70 2.46 0.00	72.98 1.35 0.00	86.66 0.14 0.60	66.88 0.80 0.00	91.03 2.00 -4.25	175.40 3.46 -96.80	204.68 3.92 -136.88	197.42 4.18 -114.50	168.19 3.63 -84.42	93.93 2.68 -3.59	68.76 1.14 0.09	79.30 0.33 0.00	63.00 -0.47 0.00	51.64 1.06 0.00
HOLTSVILLE_IC_10 23699	56.62 0.92 0.00	51.51 0.92 0.00	44.03 0.78 0.00	38.72 0.68 0.00	38.06 0.71 0.00	41.92 0.52 0.00	52.26 -0.06 0.00	49.47 -0.03 0.00	49.41 0.37 0.00	52.68 0.85 0.00	66.13 2.89 0.00	73.52 1.88 0.00	87.23 0.88 0.78	67.47 1.39 0.00	92.20 2.84 -4.58	183.78 4.24 -104.41	210.58 4.56 -142.13	200.69 4.88 -117.08	176.97 4.47 -92.37	95.19 3.57 -3.97	69.36 1.74 0.09	79.95 0.98 0.00	63.46 -0.01 0.00	52.01 1.43 0.00
HOLTSVILLE_IC_2 23691	56.33 0.63 0.00	51.27 0.69 0.00	43.86 0.60 0.00	38.56 0.51 0.00	37.91 0.56 0.00	41.76 0.35 0.00	52.05 -0.26 0.00	49.27 -0.23 0.00	49.18 0.14 0.00	52.38 0.55 0.00	65.70 2.46 0.00	72.98 1.35 0.00	86.66 0.14 0.60	66.88 0.80 0.00	91.03 2.00 -4.25	175.40 3.46 -96.80	204.68 3.92 -136.88	197.42 4.18 -114.50	168.19 3.63 -84.42	93.93 2.68 -3.59	68.76 1.14 0.09	79.30 0.33 0.00	63.00 -0.47 0.00	51.64 1.06 0.00
HOLTSVILLE_IC_3 23692	56.33 0.63 0.00	51.27 0.69 0.00	43.86 0.60 0.00	38.56 0.51 0.00	37.91 0.56 0.00	41.76 0.35 0.00	52.05 -0.26 0.00	49.27 -0.23 0.00	49.18 0.14 0.00	52.38 0.55 0.00	65.70 2.46 0.00	72.98 1.35 0.00	86.66 0.14 0.60	66.88 0.80 0.00	91.03 2.00 -4.25	175.40 3.46 -96.80	204.68 3.92 -136.88	197.42 4.18 -114.50	168.19 3.63 -84.42	93.93 2.68 -3.59	68.76 1.14 0.09	79.30 0.33 0.00	63.00 -0.47 0.00	51.64 1.06 0.00
HOLTSVILLE_IC_4 23693	56.33 0.63 0.00	51.27 0.69 0.00	43.86 0.60 0.00	38.56 0.51 0.00	37.91 0.56 0.00	41.76 0.35 0.00	52.05 -0.26 0.00	49.27 -0.23 0.00	49.18 0.14 0.00	52.38 0.55 0.00	65.70 2.46 0.00	72.98 1.35 0.00	86.66 0.14 0.60	66.88 0.80 0.00	91.03 2.00 -4.25	175.40 3.46 -96.80	204.68 3.92 -136.88	197.42 4.18 -114.50	168.19 3.63 -84.42	93.93 2.68 -3.59	68.76 1.14 0.09	79.30 0.33 0.00	63.00 -0.47 0.00	51.64 1.06 0.00
HOLTSVILLE_IC_5 23694	56.33 0.63 0.00	51.27 0.69 0.00	43.86 0.60 0.00	38.56 0.51 0.00	37.91 0.56 0.00	41.76 0.35 0.00	52.05 -0.26 0.00	49.27 -0.23 0.00	49.18 0.14 0.00	52.38 0.55 0.00	65.70 2.46 0.00	72.98 1.35 0.00	86.66 0.14 0.60	66.88 0.80 0.00	91.03 2.00 -4.25	175.40 3.46 -96.80	204.68 3.92 -136.88	197.42 4.18 -114.50	168.19 3.63 -84.42	93.93 2.68 -3.59	68.76 1.14 0.09	79.30 0.33 0.00	63.00 -0.47 0.00	51.64 1.06 0.00
HOLTSVILLE_IC_6 23695	56.62 0.92 0.00	51.51 0.92 0.00	44.03 0.78 0.00	38.72 0.68 0.00	38.06 0.71 0.00	41.92 0.52 0.00	52.26 -0.06 0.00	49.47 -0.03 0.00	49.41 0.37 0.00	52.68 0.85 0.00	66.13 2.89 0.00	73.52 1.88 0.00	87.23 0.88 0.78	67.47 1.39 0.00	92.20 2.84 -4.58	183.78 4.24 -104.41	210.58 4.56 -142.13	200.69 4.88 -117.08	176.97 4.47 -92.37	95.19 3.57 -3.97	69.36 1.74 0.09	79.95 0.98 0.00	63.46 -0.01 0.00	52.01 1.43 0.00
HOLTSVILLE_IC_7 23696	56.62 0.92 0.00	51.51 0.92 0.00	44.03 0.78 0.00	38.72 0.68 0.00	38.06 0.71 0.00	41.92 0.52 0.00	52.26 -0.06 0.00	49.47 -0.03 0.00	49.41 0.37 0.00	52.68 0.85 0.00	66.13 2.89 0.00	73.52 1.88 0.00	87.23 0.88 0.78	67.47 1.39 0.00	92.20 2.84 -4.58	183.78 4.24 -104.41	210.58 4.56 -142.13	200.69 4.88 -117.08	176.97 4.47 -92.37	95.19 3.57 -3.97	69.36 1.74 0.09	79.95 0.98 0.00	63.46 -0.01 0.00	52.01 1.43 0.00
HOLTSVILLE_IC_8 23697	56.62 0.92 0.00	51.51 0.92 0.00	44.03 0.78 0.00	38.72 0.68 0.00	38.06 0.71 0.00	41.92 0.52 0.00	52.26 -0.06 0.00	49.47 -0.03 0.00	49.41 0.37 0.00	52.68 0.85 0.00	66.13 2.89 0.00	73.52 1.88 0.00	87.23 0.88 0.78	67.47 1.39 0.00	92.20 2.84 -4.58	183.78 4.24 -104.41	210.58 4.56 -142.13	200.69 4.88 -117.08	176.97 4.47 -92.37	95.19 3.57 -3.97	69.36 1.74 0.09	79.95 0.98 0.00	63.46 -0.01 0.00	52.01 1.43 0.00
HOLTSVILLE_IC_9 23698	56.62 0.92 0.00	51.51 0.92 0.00	44.03 0.78 0.00	38.72 0.68 0.00	38.06 0.71 0.00	41.92 0.52 0.00	52.26 -0.06 0.00	49.47 -0.03 0.00	49.41 0.37 0.00	52.68 0.85 0.00	66.13 2.89 0.00	73.52 1.88 0.00	87.23 0.88 0.78	67.47 1.39 0.00	92.20 2.84 -4.58	183.78 4.24 -104.41	210.58 4.56 -142.13	200.69 4.88 -117.08	176.97 4.47 -92.37	95.19 3.57 -3.97	69.36 1.74 0.09	79.95 0.98 0.00	63.46 -0.01 0.00	52.01 1.43 0.00
HOMER_HL_115KV_TB2 355744	55.33 -0.36 0.00	49.59 -0.99 0.00	41.61 -1.64 0.00	36.53 -1.52 0.00	35.88 -1.46 0.00	40.05 -1.36 0.00	51.18 -1.13 0.00	48.85 -0.65 0.00	49.39 0.35 0.00	53.19 1.36 0.00	64.92 1.69 0.00	74.74 3.10 0.00	91.45 3.67 -0.66	82.85 2.23 -14.53	96.25 2.57 -8.88	78.69 2.48 -1.09	65.35 1.47 0.00	80.57 1.83 0.00	83.06 2.93 0.00	93.07 5.42 0.00	71.33 3.62 0.00	81.61 2.64 0.00	65.98 2.52 0.00	52.08 1.51 0.00
HOWARD_WT_PWR 323690	55.17 -0.52 0.00	49.27 -1.31 0.00	41.39 -1.87 0.00	36.44 -1.61 0.00	35.81 -1.54 0.00	39.86 -1.55 0.00	51.11 -1.25 -0.05	48.69 -0.81 0.00	48.97 -0.07 0.00	52.77 0.94 0.00	64.77 1.53 0.00	74.66 3.03 0.00	91.41 3.85 -0.43	77.97 2.42 -9.47	93.69 3.11 -5.79	78.90 3.06 -0.71	66.00 2.11 0.00	81.53 2.80 0.00	84.72 4.36 -0.22	96.70 7.36 -1.69	74.41 5.35 -1.35	84.47 3.83 -1.68	66.61 2.95 -0.20	52.18 1.61 0.00
HQ_GEN_CEDARS 23644	77.52 1.60 -20.23	51.82 1.25 0.00	44.34 1.09 0.00	39.04 0.99 0.00	38.30 0.96 0.00	42.53 1.12 0.00	53.92 1.60 0.00	51.10 1.60 0.00	50.57 1.53 0.00	53.49 1.65 0.00	65.17 1.93 0.00	73.74 2.11 0.00	89.32 2.20 0.00	67.28 1.19 0.00	85.34 0.55 0.00	75.05 -0.08 0.00	63.38 -0.50 0.00	78.08 -0.66 0.00	79.34 -0.79 0.00	86.88 -0.77 0.00	67.54 -0.17 0.00	79.49 0.52 0.00	263.95 1.63 -198.85	133.35 1.27 -81.50
HQ_GEN_CEDARS_PROXY 323590	77.52 1.60 -20.23	51.69 1.24 0.13	44.34 1.09 0.00	39.04 0.99 0.00	38.30 0.96 0.00	41.73 1.12 0.80	53.07 1.60 0.85	51.10 1.60 0.00	50.57 1.53 0.00	53.49 1.65 0.00	65.17 1.93 0.00	73.74 2.10 0.00	89.32 2.20 0.00	67.27 1.19 0.00	85.34 0.55 0.00	75.05 -0.08 0.00	63.38 -0.50 0.00	78.08 -0.66 0.00	79.34 -0.79 0.00	86.88 -0.77 0.00	57.69 -0.17 9.85	79.50 0.53 0.00	263.94 1.63 -198.85	133.34 1.27 -81.50

HQ_GEN_IMPORT 323601	55.52 0.50 0.67	50.64 0.36 0.30	43.58 0.33 0.00	38.35 0.30 0.00	37.64 0.29 0.00	41.74 0.33 0.00	52.82 0.50 0.00	50.02 0.52 0.00	49.57 0.53 0.00	52.45 0.61 0.00	63.95 0.71 0.00	72.40 0.76 0.00	87.91 0.79 0.00	66.52 0.44 0.00	85.20 0.41 0.00	74.99 -0.13 0.00	63.46 -0.38 0.04	78.20 -0.54 0.00	79.30 -0.84 0.00	79.13 -1.10 7.43	67.26 -0.45 0.00	85.67 0.08 -6.62	55.82 0.41 8.06	47.96 0.34 2.96
HQ_GEN_WHEEL 23651	55.52 0.50 0.67	50.64 0.36 0.30	43.58 0.33 0.00	38.35 0.30 0.00	37.64 0.29 0.00	41.74 0.33 0.00	52.82 0.50 0.00	50.02 0.52 0.00	49.57 0.53 0.00	52.45 0.61 0.00	63.95 0.71 0.00	72.40 0.76 0.00	87.91 0.79 0.00	66.52 0.44 0.00	85.20 0.41 0.00	74.99 -0.13 0.00	63.46 -0.38 0.04	78.20 -0.54 0.00	79.30 -0.84 0.00	79.13 -1.10 7.43	67.26 -0.45 0.00	85.67 0.08 -6.62	55.82 0.41 8.06	47.96 0.34 2.96
HUDSON AVE_GT_3 23810	56.70 1.01 0.00	51.72 1.14 0.00	44.29 1.03 0.00	38.95 0.90 0.00	38.26 0.91 0.00	42.33 0.92 0.00	53.15 0.83 0.00	50.60 1.10 0.00	50.38 1.34 0.00	53.13 1.29 0.00	64.79 1.55 0.00	72.94 1.30 0.00	88.67 1.55 0.00	67.94 1.86 0.00	87.45 2.66 0.00	78.57 3.43 0.00	67.67 3.78 0.00	83.17 4.43 0.00	84.16 4.02 0.00	91.28 3.62 0.00	69.58 1.88 0.00	80.15 1.18 0.00	63.87 0.41 0.00	51.45 0.87 0.00
HUDSON AVE_GT_4 23540	56.70 1.01 0.00	51.72 1.14 0.00	44.29 1.03 0.00	38.95 0.90 0.00	38.26 0.91 0.00	42.33 0.92 0.00	53.15 0.83 0.00	50.60 1.10 0.00	50.38 1.34 0.00	53.13 1.29 0.00	64.79 1.55 0.00	72.94 1.30 0.00	88.67 1.55 0.00	67.94 1.86 0.00	87.45 2.66 0.00	78.57 3.43 0.00	67.67 3.78 0.00	83.17 4.43 0.00	84.16 4.02 0.00	91.28 3.62 0.00	69.58 1.88 0.00	80.15 1.18 0.00	63.87 0.41 0.00	51.45 0.87 0.00
HUDSON AVE_GT_5 23657	56.70 1.01 0.00	51.72 1.14 0.00	44.29 1.03 0.00	38.95 0.90 0.00	38.26 0.91 0.00	42.33 0.92 0.00	53.15 0.83 0.00	50.60 1.10 0.00	50.38 1.34 0.00	53.13 1.29 0.00	64.79 1.55 0.00	72.94 1.30 0.00	88.67 1.55 0.00	67.94 1.86 0.00	87.45 2.66 0.00	78.57 3.43 0.00	67.67 3.78 0.00	83.17 4.43 0.00	84.16 4.02 0.00	91.28 3.62 0.00	69.58 1.88 0.00	80.15 1.18 0.00	63.87 0.41 0.00	51.45 0.87 0.00
HUDSON_AVE_10 24168	56.43 0.74 0.00	51.51 0.93 0.00	44.09 0.84 0.00	38.79 0.74 0.00	38.10 0.75 0.00	42.14 0.74 0.00	52.87 0.55 0.00	50.36 0.86 0.00	50.15 1.11 0.00	52.82 0.99 0.00	64.37 1.13 0.00	72.49 0.85 0.00	88.09 0.97 0.00	67.51 1.43 0.00	86.87 2.09 0.00	78.14 2.92 -0.09	67.24 3.36 0.00	82.69 3.96 0.00	83.88 3.53 -0.22	91.34 3.03 -0.65	69.19 1.42 -0.05	79.64 0.67 0.00	63.51 0.05 0.00	51.15 0.57 0.00
HUDSON___115KV_TB 4 355613	57.45 1.76 0.00	52.33 1.75 0.00	44.88 1.62 0.00	39.47 1.43 0.00	38.74 1.40 0.00	42.92 1.52 0.00	54.09 1.77 0.00	50.94 1.44 0.00	49.89 0.85 0.00	52.22 0.39 0.00	63.58 0.35 0.00	71.59 -0.05 0.00	87.08 -0.04 0.00	65.73 -0.35 0.00	84.44 -0.35 0.00	75.40 0.27 0.00	64.35 0.47 0.00	79.47 0.74 0.00	81.59 1.45 0.00	89.59 1.93 0.00	68.98 1.28 0.00	80.12 1.15 0.00	63.93 0.46 0.00	50.94 0.37 0.00
HUNTER MOUNT___DRP 323613	57.63 1.94 0.00	52.48 1.90 0.00	45.01 1.75 0.00	39.58 1.53 0.00	38.84 1.50 0.00	43.06 1.65 0.00	54.26 1.95 0.00	51.14 1.64 0.00	50.11 1.07 0.00	52.43 0.60 0.00	63.94 0.70 0.00	71.86 0.22 0.00	87.52 0.39 0.00	66.04 -0.04 0.00	84.91 0.12 0.00	75.79 0.66 0.00	64.67 0.79 0.00	79.96 1.23 0.00	82.16 2.02 0.00	90.28 2.62 0.00	69.50 1.79 0.00	80.73 1.76 0.00	64.37 0.90 0.00	51.19 0.61 0.00
HUNTINGTON_RES_REC 323705	56.51 0.81 0.00	51.41 0.83 0.00	43.94 0.68 0.00	38.62 0.57 0.00	37.95 0.61 0.00	41.87 0.46 0.00	52.26 -0.05 0.00	49.43 -0.06 0.00	49.31 0.27 0.00	52.45 0.61 0.00	65.70 2.46 0.00	72.92 1.28 0.00	84.73 -0.13 2.26	66.75 0.66 0.00	97.37 1.82 -10.76	324.05 3.37 -245.55	370.75 3.95 -302.91	327.22 4.16 -244.32	311.66 3.61 -227.90	101.05 2.57 -10.83	68.57 0.94 0.09	79.00 0.03 0.00	62.78 -0.68 0.00	51.54 0.96 0.00
HUNTLEY___63 23557	57.04 1.35 0.00	50.78 0.20 0.00	42.37 -0.88 0.00	37.06 -0.98 0.00	36.34 -1.00 0.00	40.63 -0.78 0.00	52.08 -0.24 0.00	49.59 0.09 0.00	50.37 1.33 0.00	54.65 2.82 0.00	67.07 3.83 0.00	77.98 6.35 0.00	96.21 8.19 -0.89	90.61 4.85 -19.68	102.60 5.78 -12.03	82.08 5.48 -1.47	66.93 3.04 0.00	82.21 3.47 0.00	84.69 4.55 0.00	94.90 7.24 0.00	73.32 5.61 0.00	83.99 5.02 0.00	68.25 4.78 0.00	54.16 3.59 0.00
HUNTLEY___64 23558	57.04 1.35 0.00	50.78 0.20 0.00	42.37 -0.88 0.00	37.06 -0.98 0.00	36.34 -1.00 0.00	40.63 -0.78 0.00	52.08 -0.24 0.00	49.59 0.09 0.00	50.37 1.33 0.00	54.65 2.82 0.00	67.07 3.83 0.00	77.98 6.35 0.00	96.21 8.19 -0.89	90.61 4.85 -19.68	102.60 5.78 -12.03	82.08 5.48 -1.47	66.93 3.04 0.00	82.21 3.47 0.00	84.69 4.55 0.00	94.90 7.24 0.00	73.32 5.61 0.00	83.99 5.02 0.00	68.25 4.78 0.00	54.16 3.59 0.00
HUNTLEY___65 23559	57.04 1.35 0.00	50.78 0.20 0.00	42.37 -0.88 0.00	37.06 -0.98 0.00	36.34 -1.00 0.00	40.63 -0.78 0.00	52.08 -0.24 0.00	49.59 0.09 0.00	50.37 1.33 0.00	54.65 2.82 0.00	67.07 3.83 0.00	77.98 6.35 0.00	96.21 8.19 -0.89	90.61 4.85 -19.68	102.60 5.78 -12.03	82.08 5.48 -1.47	66.93 3.04 0.00	82.21 3.47 0.00	84.69 4.55 0.00	94.90 7.24 0.00	73.32 5.61 0.00	83.99 5.02 0.00	68.25 4.78 0.00	54.16 3.59 0.00
HUNTLEY___66 23560	57.04 1.35 0.00	50.78 0.20 0.00	42.37 -0.88 0.00	37.06 -0.98 0.00	36.34 -1.00 0.00	40.63 -0.78 0.00	52.08 -0.24 0.00	49.59 0.09 0.00	50.37 1.33 0.00	54.65 2.82 0.00	67.07 3.83 0.00	77.98 6.35 0.00	96.21 8.19 -0.89	90.61 4.85 -19.68	102.60 5.78 -12.03	82.08 5.48 -1.47	66.93 3.04 0.00	82.21 3.47 0.00	84.69 4.55 0.00	94.90 7.24 0.00	73.32 5.61 0.00	83.99 5.02 0.00	68.25 4.78 0.00	54.16 3.59 0.00
HUNTLEY___67 23561	56.29 0.60 0.00	50.19 -0.39 0.00	41.91 -1.35 0.00	36.69 -1.36 0.00	35.98 -1.36 0.00	40.19 -1.22 0.00	51.52 -0.79 0.00	49.06 -0.44 0.00	49.83 0.79 0.00	54.05 2.22 0.00	66.40 3.16 0.00	77.17 5.53 0.00	94.99 7.09 -0.78	87.49 4.25 -17.16	100.38 5.10 -10.49	81.07 4.66 -1.28	66.33 2.45 0.00	81.48 2.75 0.00	83.93 3.79 0.00	94.06 6.41 0.00	72.64 4.93 0.00	83.29 4.33 0.00	67.59 4.12 0.00	53.56 2.98 0.00
HUNTLEY___68 23562	56.29 0.60 0.00	50.19 -0.39 0.00	41.91 -1.35 0.00	36.69 -1.36 0.00	35.98 -1.36 0.00	40.19 -1.22 0.00	51.52 -0.79 0.00	49.06 -0.44 0.00	49.83 0.79 0.00	54.05 2.22 0.00	66.40 3.16 0.00	77.17 5.53 0.00	94.99 7.09 -0.78	87.49 4.25 -17.16	100.38 5.10 -10.49	81.07 4.66 -1.28	66.33 2.45 0.00	81.48 2.75 0.00	83.93 3.79 0.00	94.06 6.41 0.00	72.64 4.93 0.00	83.29 4.33 0.00	67.59 4.12 0.00	53.56 2.98 0.00

HYLAND___LFGE 323620	57.45 1.76 0.00	51.29 0.71 0.00	43.08 -0.18 0.00	37.74 -0.30 0.00	37.06 -0.28 0.00	41.38 -0.03 0.00	53.07 0.75 0.00	50.32 0.82 0.00	49.69 0.65 0.00	52.83 1.00 0.00	64.78 1.54 0.00	73.38 1.74 0.00	88.37 0.20 -1.05	86.71 -2.39 -23.02	95.62 -3.24 -14.07	74.71 -2.15 -1.72	62.10 -1.79 0.00	76.62 -2.11 0.00	78.94 -1.20 0.00	89.67 2.02 0.00	70.87 3.16 0.00	80.59 1.62 0.00	70.20 6.73 0.00	54.58 4.00 0.00
INDECK___CORINTH 23802	57.72 2.03 0.00	52.34 1.76 0.00	44.89 1.63 0.00	39.53 1.49 0.00	38.83 1.49 0.00	42.98 1.58 0.00	54.07 1.76 0.00	51.08 1.58 0.00	50.36 1.32 0.00	52.89 1.05 0.00	64.50 1.26 0.00	72.64 1.00 0.00	88.73 1.61 0.00	67.81 1.73 0.00	87.35 2.56 0.00	77.92 2.79 0.00	66.67 2.79 0.00	82.87 4.14 0.00	84.89 4.75 0.00	93.19 5.54 0.00	71.44 3.73 0.00	82.98 4.01 0.00	65.99 2.53 0.00	52.35 1.78 0.00
INDECK___ILION 23567	56.41 0.72 0.00	51.35 0.77 0.00	43.96 0.70 0.00	38.66 0.61 0.00	37.98 0.64 0.00	42.10 0.70 0.00	53.07 0.75 0.00	49.97 0.47 0.00	49.03 -0.01 0.00	51.55 -0.28 0.00	62.71 -0.52 0.00	71.02 -0.62 0.00	86.53 -0.60 0.00	65.81 -0.27 0.00	84.62 -0.17 0.00	75.43 0.30 0.00	64.49 0.61 0.00	79.84 1.10 0.00	81.78 1.64 0.00	89.85 2.19 0.00	69.19 1.49 0.00	80.38 1.41 0.00	64.19 0.72 0.00	50.98 0.40 0.00
INDECK___OLEAN 23982	55.33 -0.36 0.00	49.60 -0.98 0.00	41.62 -1.64 0.00	36.53 -1.52 0.00	35.88 -1.46 0.00	40.05 -1.35 0.00	51.18 -1.13 0.00	48.85 -0.65 0.00	49.39 0.35 0.00	53.19 1.36 0.00	64.93 1.69 0.00	74.74 3.10 0.00	91.45 3.67 -0.66	82.86 2.25 -14.53	96.28 2.61 -8.88	78.71 2.49 -1.09	65.36 1.48 0.00	80.56 1.83 0.00	83.09 2.96 0.00	93.11 5.45 0.00	71.35 3.64 0.00	81.61 2.64 0.00	65.99 2.53 0.00	52.08 1.51 0.00
INDECK___OSWEGO 23783	55.15 -1.15 -0.61	49.37 -1.21 0.00	42.08 -1.17 0.00	36.98 -1.07 0.00	36.31 -1.03 0.00	40.31 -1.09 0.00	51.49 -1.27 -0.44	48.37 -1.13 0.00	47.98 -1.06 0.00	50.52 -1.31 0.00	63.76 0.52 0.00	72.48 0.84 0.00	87.05 -0.07 0.00	64.61 -1.47 0.00	82.92 -1.87 0.00	73.56 -1.57 0.00	62.58 -1.30 0.00	77.28 -1.45 0.00	81.23 -1.07 -2.16	103.30 -0.68 -16.33	80.05 -0.69 -13.03	93.95 -1.26 -16.24	71.51 -1.17 -9.22	52.13 -1.13 -2.68
INDECK___YERKES 23781	57.10 1.41 0.00	50.84 0.26 0.00	42.43 -0.83 0.00	37.10 -0.94 0.00	36.38 -0.97 0.00	40.67 -0.73 0.00	52.14 -0.17 0.00	49.65 0.15 0.00	50.43 1.39 0.00	54.71 2.88 0.00	67.11 3.87 0.00	77.99 6.35 0.00	96.23 8.21 -0.89	90.65 4.88 -19.68	102.66 5.84 -12.03	82.11 5.51 -1.47	66.95 3.07 0.00	82.23 3.50 0.00	84.74 4.60 0.00	94.98 7.33 0.00	73.33 5.62 0.00	84.01 5.04 0.00	68.28 4.81 0.00	54.18 3.61 0.00
INDIAN POINT_GT_1 24139	56.38 0.69 0.00	51.41 0.83 0.00	44.00 0.74 0.00	38.69 0.64 0.00	38.00 0.66 0.00	42.04 0.63 0.00	52.82 0.51 0.00	50.15 0.64 0.00	49.82 0.77 0.00	52.55 0.72 0.00	64.18 0.94 0.00	72.33 0.69 0.00	87.90 0.78 0.00	67.27 1.18 0.00	86.60 1.82 0.00	77.76 2.62 0.00	66.89 3.01 0.00	82.32 3.58 0.00	83.46 3.33 0.00	90.68 3.02 0.00	69.22 1.51 0.00	79.85 0.88 0.00	63.67 0.20 0.00	51.16 0.58 0.00
INDIAN POINT_GT_2 23659	56.38 0.69 0.00	51.41 0.83 0.00	44.00 0.74 0.00	38.69 0.64 0.00	38.00 0.66 0.00	42.04 0.63 0.00	52.82 0.51 0.00	50.15 0.64 0.00	49.82 0.77 0.00	52.55 0.72 0.00	64.18 0.94 0.00	72.33 0.69 0.00	87.90 0.78 0.00	67.27 1.18 0.00	86.60 1.82 0.00	77.76 2.62 0.00	66.89 3.01 0.00	82.32 3.58 0.00	83.46 3.33 0.00	90.68 3.02 0.00	69.22 1.51 0.00	79.85 0.88 0.00	63.67 0.20 0.00	51.16 0.58 0.00
INDIAN POINT_GT_3 24019	56.38 0.69 0.00	51.41 0.83 0.00	44.00 0.74 0.00	38.69 0.64 0.00	38.00 0.66 0.00	42.04 0.63 0.00	52.82 0.51 0.00	50.15 0.64 0.00	49.82 0.77 0.00	52.55 0.72 0.00	64.18 0.94 0.00	72.33 0.69 0.00	87.90 0.78 0.00	67.27 1.18 0.00	86.60 1.82 0.00	77.76 2.62 0.00	66.89 3.01 0.00	82.32 3.58 0.00	83.46 3.33 0.00	90.68 3.02 0.00	69.22 1.51 0.00	79.85 0.88 0.00	63.67 0.20 0.00	51.16 0.58 0.00
INDIAN POINT___2 23530	56.32 0.63 0.00	51.33 0.75 0.00	43.92 0.66 0.00	38.64 0.59 0.00	37.96 0.62 0.00	41.97 0.57 0.00	52.76 0.45 0.00	50.07 0.57 0.00	49.74 0.70 0.00	52.47 0.64 0.00	64.11 0.87 0.00	72.23 0.59 0.00	87.81 0.69 0.00	67.16 1.08 0.00	86.45 1.66 0.00	77.62 2.49 0.00	66.78 2.90 0.00	82.17 3.44 0.00	83.32 3.18 0.00	90.55 2.89 0.00	69.11 1.40 0.00	79.72 0.75 0.00	63.59 0.13 0.00	51.11 0.54 0.00
INDIAN POINT___3 23531	56.33 0.64 0.00	51.34 0.76 0.00	43.95 0.70 0.00	38.65 0.60 0.00	37.96 0.62 0.00	41.99 0.59 0.00	52.77 0.45 0.00	50.08 0.58 0.00	49.75 0.71 0.00	52.47 0.64 0.00	64.10 0.86 0.00	72.23 0.59 0.00	87.80 0.67 0.00	67.17 1.08 0.00	86.45 1.66 0.00	77.62 2.49 0.00	66.76 2.88 0.00	82.16 3.43 0.00	83.31 3.17 0.00	90.52 2.87 0.00	69.10 1.39 0.00	79.72 0.75 0.00	63.59 0.13 0.00	51.11 0.54 0.00
INGHAM_C_115KV_TB7 356103	57.26 1.57 0.00	52.24 1.66 0.00	44.77 1.51 0.00	39.40 1.36 0.00	38.74 1.40 0.00	42.92 1.51 0.00	53.95 1.63 0.00	50.50 1.00 0.00	48.91 -0.13 0.00	51.03 -0.81 0.00	61.84 -1.40 0.00	70.01 -1.63 0.00	85.46 -1.66 0.00	65.11 -0.97 0.00	83.93 -0.85 0.00	75.21 0.08 0.00	64.62 0.73 0.00	80.45 1.72 0.00	83.01 2.87 0.00	91.73 4.07 0.00	70.57 2.86 0.00	81.78 2.81 0.00	64.96 1.50 0.00	51.38 0.81 0.00
IP CORINTH___1 23988	58.05 2.36 0.00	52.62 2.04 0.00	45.11 1.86 0.00	39.73 1.68 0.00	39.01 1.67 0.00	43.20 1.80 0.00	54.38 2.06 0.00	51.37 1.87 0.00	50.64 1.60 0.00	53.20 1.36 0.00	64.88 1.65 0.00	73.07 1.43 0.00	89.25 2.13 0.00	68.20 2.12 0.00	87.86 3.07 0.00	78.36 3.24 0.00	67.05 3.17 0.00	83.33 4.60 0.00	85.34 5.20 0.00	93.72 6.06 0.00	71.85 4.14 0.00	83.46 4.49 0.00	66.37 2.90 0.00	52.65 2.07 0.00
IP___TICONDEROGA 23804	61.53 5.84 0.00	55.33 4.75 0.00	47.12 3.87 0.00	41.74 3.69 0.00	41.11 3.76 0.00	45.42 4.02 0.00	57.22 4.90 0.00	53.99 4.49 0.00	53.04 3.99 0.00	55.80 3.97 0.00	68.16 4.92 0.00	77.21 5.57 0.00	95.31 8.19 0.00	73.16 7.07 0.00	94.72 9.94 0.00	84.27 9.14 0.00	71.85 7.97 0.00	89.04 10.30 0.00	91.45 11.31 0.00	99.41 11.75 0.00	75.59 7.88 0.00	88.42 9.45 0.00	70.07 6.61 0.00	55.42 4.85 0.00
ISLIP_RES_REC 323679	56.90 1.20 0.00	51.75 1.17 0.00	44.22 0.97 0.00	38.88 0.83 0.00	38.22 0.88 0.00	42.10 0.70 0.00	52.51 0.19 0.00	49.74 0.24 0.00	49.71 0.67 0.00	53.04 1.21 0.00	66.63 3.39 0.00	74.16 2.52 0.00	88.08 1.72 0.76	68.14 2.06 0.00	92.70 3.74 -4.17	175.21 5.03 -95.06	198.72 5.24 -129.60	191.28 5.74 -106.81	169.44 5.29 -84.02	95.61 4.43 -3.52	69.98 2.36 0.09	80.59 1.62 0.00	63.93 0.46 0.00	52.33 1.76 0.00

JAMAICA__27_KV_LOAD 355505	56.64 0.95 0.00	51.77 1.19 0.00	44.26 1.00 0.00	38.95 0.90 0.00	38.26 0.92 0.00	42.31 0.91 0.00	53.08 0.76 0.00	50.57 1.07 0.00	50.38 1.34 0.00	53.02 1.19 0.00	64.47 1.24 0.00	72.60 0.96 0.00	88.19 1.07 0.00	67.66 1.58 0.00	86.97 2.19 0.00	78.23 2.99 -0.12	67.34 3.46 0.00	82.92 4.18 0.00	84.15 3.74 -0.27	91.71 3.24 -0.81	69.35 1.57 -0.06	79.80 0.83 0.00	63.78 0.31 0.00	51.29 0.71 0.00
JANIS__SOLAR 323808	57.44 1.75 0.00	52.08 1.50 0.00	44.32 1.06 0.00	38.94 0.89 0.00	38.28 0.94 0.00	42.59 1.18 0.00	54.22 1.81 -0.09	51.19 1.69 0.00	50.36 1.32 0.00	53.11 1.28 0.00	64.69 1.45 0.00	73.59 1.95 0.00	89.56 2.44 0.00	68.05 1.97 0.00	87.35 2.57 0.00	77.85 2.72 0.00	66.54 2.65 0.00	82.75 4.01 0.00	86.05 5.48 -0.44	98.82 7.87 -3.30	76.05 5.71 -2.63	87.75 5.50 -3.28	67.66 3.81 -0.38	52.80 2.22 0.00
JARVIS____ 23743	55.64 -0.05 0.00	50.58 0.00 0.00	43.27 0.02 0.00	38.08 0.03 0.00	37.38 0.04 0.00	41.45 0.04 0.00	52.33 0.01 0.00	49.47 -0.03 0.00	48.94 -0.10 0.00	51.69 -0.15 0.00	63.01 -0.23 0.00	71.34 -0.30 0.00	86.81 -0.31 0.00	65.95 -0.13 0.00	84.63 -0.15 0.00	75.18 0.05 0.00	64.06 0.17 0.00	78.98 0.24 0.00	80.48 0.34 0.00	88.07 0.41 0.00	67.91 0.20 0.00	79.05 0.09 0.00	63.40 -0.06 0.00	50.52 -0.05 0.00
JENNISON____1 23625	56.71 1.02 0.00	52.04 1.46 0.00	44.45 1.20 0.00	39.03 0.98 0.00	38.47 1.13 0.00	42.76 1.35 0.00	54.28 1.90 -0.06	51.20 1.70 0.00	50.73 1.69 0.00	53.79 1.96 0.00	65.65 2.41 0.00	74.68 3.04 0.00	90.81 3.69 0.00	69.00 2.92 0.00	88.56 3.77 0.00	78.97 3.84 0.00	67.43 3.54 0.00	83.70 4.96 0.00	86.27 5.82 -0.31	97.41 7.39 -2.36	74.72 5.12 -1.89	86.22 4.90 -2.35	66.99 3.24 -0.28	51.64 1.07 0.00
JENNISON____2 23626	56.71 1.02 0.00	52.04 1.46 0.00	44.45 1.20 0.00	39.03 0.98 0.00	38.47 1.13 0.00	42.76 1.35 0.00	54.28 1.90 -0.06	51.20 1.70 0.00	50.73 1.69 0.00	53.79 1.96 0.00	65.65 2.41 0.00	74.68 3.04 0.00	90.81 3.69 0.00	69.00 2.92 0.00	88.56 3.77 0.00	78.97 3.84 0.00	67.43 3.54 0.00	83.70 4.96 0.00	86.27 5.82 -0.31	97.41 7.39 -2.36	74.72 5.12 -1.89	86.22 4.90 -2.35	66.99 3.24 -0.28	51.64 1.07 0.00
JERICOHO_RISE_WT_PWR 323719	58.50 0.61 -2.20	51.06 0.48 0.00	43.62 0.36 0.00	38.38 0.33 0.00	37.62 0.27 0.00	41.70 0.29 0.00	52.79 0.48 0.00	50.20 0.70 0.00	49.81 0.77 0.00	52.82 0.98 0.00	64.35 1.12 0.00	72.89 1.25 0.00	88.53 1.41 0.00	66.75 0.67 0.00	85.54 0.75 0.00	75.06 -0.07 0.00	63.60 -0.28 0.00	78.33 -0.41 0.00	79.52 -0.61 0.00	86.93 -0.73 0.00	67.56 -0.15 0.00	79.22 0.25 0.00	41.35 0.45 22.56	52.12 0.27 -1.27
KATONAH__115KV_46KV_TB4 355592	56.77 1.08 0.00	51.73 1.16 0.00	44.26 1.00 0.00	38.93 0.88 0.00	38.23 0.89 0.00	42.30 0.89 0.00	53.18 0.86 0.00	50.49 0.99 0.00	50.17 1.13 0.00	52.94 1.11 0.00	64.69 1.45 0.00	72.94 1.30 0.00	88.74 1.62 0.00	67.94 1.86 0.00	87.52 2.73 0.00	78.58 3.46 0.00	67.60 3.72 0.00	83.20 4.47 0.00	84.31 4.17 0.00	91.55 3.89 0.00	69.87 2.16 0.00	80.57 1.61 0.00	64.20 0.73 0.00	51.54 0.96 0.00
KCE_NY_1 323755	57.95 2.26 0.00	52.66 2.08 0.00	45.15 1.89 0.00	39.68 1.64 0.00	38.98 1.64 0.00	43.21 1.80 0.00	54.44 2.12 0.00	51.43 1.93 0.00	50.70 1.66 0.00	53.26 1.43 0.00	64.87 1.63 0.00	73.31 1.67 0.00	89.41 2.29 0.00	68.10 2.01 0.00	87.64 2.86 0.00	78.14 3.01 0.00	66.85 2.96 0.00	82.96 4.23 0.00	84.84 4.70 0.00	92.90 5.24 0.00	71.32 3.60 0.00	82.81 3.84 0.00	66.10 2.64 0.00	52.54 1.96 0.00
KCE_NY_6_ESR 323823	56.79 1.10 0.00	50.60 0.02 0.00	42.24 -1.01 0.00	37.01 -1.04 0.00	36.32 -1.02 0.00	40.52 -0.89 0.00	51.97 -0.35 0.00	49.51 0.01 0.00	50.27 1.23 0.00	54.53 2.69 0.00	67.03 3.80 0.00	77.90 6.26 0.00	95.92 8.01 -0.78	88.42 5.10 -17.23	101.60 6.28 -10.54	82.15 5.73 -1.29	67.38 3.50 0.00	82.89 4.16 0.00	85.42 5.28 0.00	95.79 8.13 0.00	73.79 6.07 0.00	84.39 5.42 0.00	68.40 4.94 0.00	54.09 3.52 0.00
KEDC PORT_JEFF_GT2 24210	56.48 0.79 0.00	51.39 0.81 0.00	43.94 0.69 0.00	38.62 0.58 0.00	37.97 0.62 0.00	41.79 0.39 0.00	52.02 -0.29 0.00	49.11 -0.39 0.00	49.04 0.00 0.00	52.26 0.42 0.00	65.61 2.37 0.00	72.89 1.25 0.00	86.31 0.05 0.86	66.68 0.60 0.00	91.70 1.81 -5.11	194.86 3.28 -116.45	224.83 3.75 -157.19	212.29 3.93 -129.62	187.27 3.45 -103.68	94.65 2.45 -4.55	68.46 0.83 0.09	78.93 -0.04 0.00	62.77 -0.70 0.00	51.77 1.20 0.00
KEDC PORT_JEFF_GT3 24211	56.48 0.79 0.00	51.39 0.81 0.00	43.94 0.69 0.00	38.62 0.58 0.00	37.97 0.62 0.00	41.79 0.39 0.00	52.02 -0.29 0.00	49.11 -0.39 0.00	49.04 0.00 0.00	52.26 0.42 0.00	65.61 2.37 0.00	72.89 1.25 0.00	86.31 0.05 0.86	66.68 0.60 0.00	91.70 1.81 -5.11	194.86 3.28 -116.45	224.83 3.75 -157.19	212.29 3.93 -129.62	187.27 3.45 -103.68	94.65 2.45 -4.55	68.46 0.83 0.09	78.93 -0.04 0.00	62.77 -0.70 0.00	51.77 1.20 0.00
KEDC_GLWD_GT4 24219	56.91 1.22 0.00	51.83 1.25 0.00	44.33 1.07 0.00	38.97 0.93 0.00	38.28 0.94 0.00	42.32 0.91 0.00	53.09 0.78 0.00	50.40 0.90 0.00	50.23 1.19 0.00	53.12 1.29 0.00	65.16 1.92 0.00	72.83 1.19 0.00	88.11 0.99 0.00	67.59 1.51 0.00	87.27 2.48 0.00	78.66 3.53 0.00	68.17 4.28 0.00	83.26 4.52 0.00	83.95 3.88 0.07	90.76 3.27 0.17	69.35 1.68 0.04	79.95 0.98 0.00	63.55 0.09 0.00	51.41 0.84 0.00
KEDC_GLWD_GT5 24220	56.91 1.22 0.00	51.83 1.25 0.00	44.33 1.07 0.00	38.97 0.93 0.00	38.28 0.94 0.00	42.32 0.91 0.00	53.09 0.78 0.00	50.40 0.90 0.00	50.23 1.19 0.00	53.12 1.29 0.00	65.16 1.92 0.00	72.83 1.19 0.00	88.11 0.99 0.00	67.59 1.51 0.00	87.27 2.48 0.00	78.66 3.53 0.00	68.17 4.28 0.00	83.26 4.52 0.00	83.95 3.88 0.07	90.76 3.27 0.17	69.35 1.68 0.04	79.95 0.98 0.00	63.55 0.09 0.00	51.41 0.84 0.00
KENSICO____ 23655	56.54 0.85 0.00	51.55 0.97 0.00	44.13 0.87 0.00	38.80 0.75 0.00	38.11 0.77 0.00	42.16 0.76 0.00	52.98 0.66 0.00	50.30 0.80 0.00	50.00 0.96 0.00	52.73 0.90 0.00	64.43 1.19 0.00	72.57 0.93 0.00	88.17 1.05 0.00	67.48 1.40 0.00	86.87 2.09 0.00	78.04 2.91 0.00	67.15 3.27 0.00	82.62 3.88 0.00	83.70 3.57 0.00	90.90 3.25 0.00	69.36 1.64 0.00	80.02 1.05 0.00	63.78 0.32 0.00	51.29 0.72 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	57.04 1.35 0.00	51.90 1.33 0.00	44.34 1.08 0.00	38.97 0.93 0.00	38.27 0.93 0.00	42.34 0.93 0.00	53.32 1.01 0.00	50.58 1.09 0.00	50.19 1.15 0.00	52.90 1.07 0.00	64.54 1.30 0.00	72.75 1.11 0.00	88.50 1.38 0.00	67.68 1.60 0.00	86.71 1.92 0.00	77.91 2.77 0.00	67.23 3.34 0.00	83.10 4.37 0.00	84.57 4.43 0.00	92.13 4.48 0.00	70.78 3.07 0.00	81.57 2.60 0.00	64.95 1.48 0.00	51.94 1.36 0.00

KIAC_JFK_GT1 23816	56.09 0.39 0.00	51.45 0.87 0.00	44.00 0.74 0.00	38.72 0.68 0.00	38.04 0.69 0.00	42.06 0.66 0.00	52.69 0.37 0.00	50.09 0.59 0.00	49.90 0.86 0.00	52.47 0.64 0.00	63.80 0.57 0.00	71.82 0.18 0.00	87.25 0.13 0.00	66.93 0.85 0.00	86.05 1.26 0.00	77.40 2.15 -0.12	66.64 2.76 0.00	82.01 3.28 0.00	83.24 2.82 -0.27	90.69 2.23 -0.81	68.55 0.78 -0.06	78.90 -0.07 0.00	63.08 -0.38 0.00	50.76 0.18 0.00
KIAC_JFK_GT2 23817	56.09 0.39 0.00	51.45 0.87 0.00	44.00 0.74 0.00	38.72 0.68 0.00	38.04 0.69 0.00	42.06 0.66 0.00	52.69 0.37 0.00	50.09 0.59 0.00	49.90 0.86 0.00	52.47 0.64 0.00	63.80 0.57 0.00	71.82 0.18 0.00	87.25 0.13 0.00	66.93 0.85 0.00	86.05 1.26 0.00	77.40 2.15 -0.12	66.64 2.76 0.00	82.01 3.28 0.00	83.24 2.82 -0.27	90.69 2.23 -0.81	68.55 0.78 -0.06	78.90 -0.07 0.00	63.08 -0.38 0.00	50.76 0.18 0.00
KIAC_JFK____ 323774	56.09 0.40 0.00	51.45 0.86 0.00	43.99 0.74 0.00	38.72 0.68 0.00	38.04 0.70 0.00	42.06 0.66 0.00	52.70 0.38 0.00	50.09 0.59 0.00	49.90 0.86 0.00	52.47 0.64 0.00	63.80 0.57 0.00	71.82 0.18 0.00	87.25 0.13 0.00	66.93 0.85 0.00	86.04 1.25 0.00	77.39 2.14 -0.12	66.64 2.76 0.00	82.01 3.28 0.00	83.23 2.82 -0.27	90.68 2.22 -0.81	68.55 0.78 -0.06	78.90 -0.06 0.00	63.08 -0.38 0.00	50.75 0.18 0.00
KINTIGH__24_KV_GSU 356498	56.18 0.48 0.00	50.25 -0.33 0.00	42.12 -1.13 0.00	36.90 -1.14 0.00	36.18 -1.16 0.00	40.39 -1.02 0.00	51.61 -0.70 0.00	49.10 -0.40 0.00	49.68 0.64 0.00	53.67 1.83 0.00	65.83 2.59 0.00	76.31 4.67 0.00	93.88 6.00 -0.75	86.23 3.64 -16.50	99.20 4.32 -10.08	80.31 3.95 -1.23	65.62 1.74 0.00	80.41 1.68 0.00	82.78 2.64 0.00	92.56 4.91 0.00	71.68 3.97 0.00	82.65 3.68 0.00	66.93 3.47 0.00	53.06 2.48 0.00
KINTIGH____ 23543	56.13 0.44 0.00	50.21 -0.37 0.00	42.09 -1.16 0.00	36.87 -1.18 0.00	36.16 -1.18 0.00	40.36 -1.05 0.00	51.57 -0.75 0.00	49.05 -0.45 0.00	49.64 0.60 0.00	53.62 1.79 0.00	65.77 2.53 0.00	76.25 4.61 0.00	93.80 5.93 -0.75	86.17 3.59 -16.50	99.13 4.25 -10.08	80.27 3.91 -1.23	65.64 1.76 0.00	80.48 1.74 0.00	82.83 2.69 0.00	92.58 4.93 0.00	71.66 3.95 0.00	82.58 3.61 0.00	66.87 3.40 0.00	53.03 2.45 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	58.12 1.21 -1.22	51.70 1.12 0.00	44.09 0.83 0.00	38.81 0.77 0.00	38.06 0.71 0.00	42.15 0.74 0.00	53.30 0.99 0.00	50.69 1.19 0.00	50.08 1.04 0.00	53.04 1.21 0.00	64.65 1.41 0.00	73.33 1.69 0.00	89.27 2.15 0.00	67.21 1.12 0.00	86.29 1.50 0.00	75.60 0.47 0.00	64.27 0.38 0.00	79.23 0.50 0.00	80.69 0.55 0.00	88.46 0.81 0.00	68.79 1.08 0.00	80.46 1.49 0.00	47.77 1.28 16.97	51.27 0.77 0.07
LACHUTE____HYDRO 323717	61.52 5.83 0.00	55.33 4.75 0.00	47.12 3.87 0.00	41.74 3.69 0.00	41.11 3.76 0.00	45.42 4.02 0.00	57.22 4.90 0.00	53.99 4.49 0.00	53.03 3.99 0.00	55.80 3.97 0.00	68.16 4.92 0.00	77.21 5.57 0.00	95.31 8.19 0.00	73.16 7.07 0.00	94.72 9.93 0.00	84.27 9.14 0.00	71.85 7.97 0.00	89.04 10.30 0.00	91.44 11.31 0.00	99.41 11.75 0.00	75.59 7.88 0.00	88.42 9.45 0.00	70.08 6.62 0.00	55.43 4.85 0.00
LAWRNCV_115KV_TB1 80681	73.40 1.82 -15.89	51.94 1.36 0.00	44.43 1.17 0.00	39.11 1.07 0.00	38.39 1.04 0.00	42.68 1.28 0.00	54.21 1.89 0.00	51.35 1.85 0.00	50.73 1.69 0.00	53.63 1.79 0.00	65.31 2.08 0.00	73.87 2.23 0.00	89.52 2.40 0.00	67.35 1.27 0.00	85.24 0.45 0.00	74.48 -0.65 0.00	62.78 -1.11 0.00	77.44 -1.30 0.00	78.89 -1.24 0.00	86.77 -0.89 0.00	67.60 -0.11 0.00	79.71 0.74 0.00	245.84 2.12 -180.26	120.36 1.62 -68.16
LEDERLE____ 23769	56.72 1.03 0.00	51.67 1.09 0.00	44.18 0.93 0.00	38.86 0.82 0.00	38.17 0.83 0.00	42.22 0.81 0.00	53.09 0.77 0.00	50.39 0.90 0.00	50.10 1.06 0.00	52.91 1.07 0.00	64.68 1.44 0.00	73.01 1.37 0.00	88.84 1.72 0.00	67.99 1.91 0.00	87.54 2.75 0.00	78.62 3.49 0.00	67.61 3.73 0.00	83.23 4.49 0.00	84.40 4.26 0.00	91.71 4.06 0.00	69.93 2.22 0.00	80.60 1.63 0.00	64.25 0.78 0.00	51.56 0.98 0.00
LIGHTHSE_115KV_TB6 355974	57.27 0.16 -1.42	50.32 -0.26 0.00	42.76 -0.49 0.00	37.55 -0.50 0.00	36.94 -0.40 0.00	41.18 -0.23 0.00	52.62 0.07 -0.22	49.69 0.19 0.00	49.35 0.31 0.00	52.15 0.31 0.00	64.60 1.36 0.00	73.16 1.52 0.00	88.82 1.70 0.00	66.52 0.44 0.00	85.12 0.33 0.00	75.46 0.34 0.00	64.02 0.14 0.00	79.23 0.50 0.00	82.52 1.30 -1.09	98.40 2.54 -8.20	76.19 1.93 -6.55	88.89 1.76 -8.15	82.99 1.48 -18.05	57.39 0.55 -6.27
LINDEN COGEN____ 23786	54.07 0.45 2.06	51.27 0.69 0.00	43.91 0.65 0.00	38.62 0.57 0.00	37.93 0.59 0.00	41.97 0.56 0.00	52.58 0.34 0.08	48.68 0.64 1.46	49.53 0.86 0.37	51.15 0.76 1.45	52.07 0.85 12.02	60.95 0.49 11.18	84.50 0.54 3.16	55.94 1.09 11.24	75.37 1.65 11.07	74.38 2.56 3.31	62.48 3.07 4.47	81.44 3.53 0.83	83.26 3.13 0.00	90.31 2.66 0.00	68.58 1.12 0.25	78.79 0.30 0.48	63.00 -0.28 0.19	50.95 0.37 0.00
LINDHRST_69_KV_BK1 356055	57.19 1.50 0.00	52.01 1.44 0.00	44.46 1.20 0.00	39.06 1.01 0.00	38.36 1.02 0.00	42.36 0.95 0.00	52.96 0.64 0.00	50.21 0.71 0.00	50.13 1.10 0.00	53.25 1.42 0.00	66.21 2.97 0.00	73.65 2.02 0.00	88.02 1.20 0.30	67.69 1.61 0.00	88.13 2.97 -0.38	87.92 4.32 -8.47	80.64 4.66 -12.10	93.59 5.22 -9.64	91.70 4.66 -6.89	90.91 3.89 0.64	69.72 2.11 0.11	80.53 1.56 0.00	63.97 0.51 0.00	52.14 1.57 0.00
LIPA_MISC_IPP 23656	56.18 0.49 0.00	51.12 0.54 0.00	43.73 0.48 0.00	38.46 0.41 0.00	37.79 0.45 0.00	41.61 0.21 0.00	51.87 -0.44 0.00	49.11 -0.39 0.00	49.06 0.02 0.00	52.33 0.50 0.00	65.88 2.65 0.00	73.21 1.57 0.00	87.07 0.58 0.63	67.26 1.18 0.00	91.60 2.50 -4.31	177.33 3.99 -98.21	206.20 4.37 -137.94	198.62 4.77 -115.11	170.25 4.23 -85.88	94.64 3.33 -3.66	69.14 1.52 0.09	79.75 0.78 0.00	63.25 -0.21 0.00	51.78 1.21 0.00
LISF____SOLAR 323691	56.30 0.61 0.00	51.21 0.63 0.00	43.80 0.55 0.00	38.53 0.48 0.00	37.88 0.54 0.00	41.68 0.28 0.00	51.97 -0.35 0.00	49.20 -0.30 0.00	49.16 0.11 0.00	52.44 0.60 0.00	66.04 2.80 0.00	73.40 1.76 0.00	87.25 0.79 0.66	67.43 1.35 0.00	91.92 2.77 -4.37	178.96 4.20 -99.63	207.41 4.59 -138.94	199.42 5.08 -115.61	172.01 4.52 -87.36	95.00 3.62 -3.73	69.42 1.80 0.09	80.06 1.10 0.00	63.49 0.02 0.00	51.96 1.39 0.00
LITTLE FALLS____HYD 24013	57.26 1.57 0.00	52.24 1.66 0.00	44.77 1.51 0.00	39.40 1.36 0.00	38.74 1.40 0.00	42.92 1.51 0.00	53.95 1.63 0.00	50.50 1.00 0.00	48.91 -0.13 0.00	51.03 -0.81 0.00	61.84 -1.40 0.00	70.01 -1.63 0.00	85.46 -1.66 0.00	65.11 -0.97 0.00	83.93 -0.85 0.00	75.21 0.08 0.00	64.62 0.73 0.00	80.45 1.72 0.00	83.01 2.87 0.00	91.73 4.07 0.00	70.57 2.86 0.00	81.78 2.81 0.00	64.96 1.50 0.00	51.38 0.81 0.00

LITTLRIV_115KV_TB1 356100	73.78 2.91 -15.18	52.92 2.34 0.00	45.26 2.00 0.00	39.85 1.80 0.00	39.10 1.76 0.00	43.50 2.10 0.00	55.28 2.96 0.00	52.20 2.70 0.00	51.30 2.26 0.00	53.98 2.15 0.00	65.69 2.45 0.00	74.27 2.63 0.00	90.03 2.91 0.00	67.75 1.67 0.00	85.85 1.06 0.00	75.00 -0.13 0.00	63.15 -0.73 0.00	78.02 -0.72 0.00	79.85 -0.29 0.00	88.52 0.86 0.00	69.21 1.50 0.00	81.60 2.63 0.00	244.21 3.53 -177.21	119.24 2.69 -65.97
LI_NEWBRDGE___DRP 323616	56.35 0.66 0.00	51.32 0.73 0.00	43.89 0.63 0.00	38.59 0.54 0.00	37.90 0.56 0.00	41.87 0.46 0.00	52.41 0.09 0.00	49.67 0.17 0.00	49.51 0.47 0.00	52.46 0.63 0.00	64.93 1.69 0.00	72.31 0.67 0.00	86.91 -0.21 0.00	66.71 0.63 0.00	86.24 1.46 0.00	77.69 2.77 0.20	67.13 3.25 0.00	82.23 3.50 0.00	82.69 3.02 0.47	88.46 2.20 1.40	68.44 0.83 0.11	79.05 0.08 0.00	62.93 -0.53 0.00	51.24 0.66 0.00
LOCKPORT_115KV_TB60_63_64 80432	56.27 0.58 0.00	50.12 -0.46 0.00	41.83 -1.43 0.00	36.59 -1.45 0.00	35.89 -1.46 0.00	40.11 -1.29 0.00	51.43 -0.89 0.00	48.87 -0.63 0.00	49.62 0.58 0.00	53.80 1.96 0.00	65.96 2.72 0.00	76.65 5.01 0.00	94.76 6.55 -1.08	93.61 3.68 -23.86	103.69 4.33 -14.58	80.98 4.06 -1.78	65.69 1.81 0.00	80.86 2.13 0.00	83.37 3.23 0.00	93.57 5.92 0.00	72.39 4.68 0.00	82.97 4.01 0.00	67.40 3.93 0.00	53.64 3.06 0.00
LOCKPORT___CC1 323769	56.02 0.33 0.00	49.91 -0.67 0.00	41.65 -1.60 0.00	36.44 -1.61 0.00	35.73 -1.61 0.00	39.94 -1.47 0.00	51.22 -1.10 0.00	48.68 -0.82 0.00	49.44 0.39 0.00	53.61 1.78 0.00	65.73 2.49 0.00	76.41 4.77 0.00	94.38 6.21 -1.04	92.40 3.41 -22.91	102.76 3.97 -14.00	80.56 3.72 -1.71	65.40 1.52 0.00	80.43 1.70 0.00	82.94 2.80 0.00	93.14 5.49 0.00	72.03 4.32 0.00	82.54 3.58 0.00	67.11 3.65 0.00	53.38 2.81 0.00
LOCKPORT___CC2 323770	56.02 0.33 0.00	49.91 -0.67 0.00	41.65 -1.60 0.00	36.44 -1.61 0.00	35.73 -1.61 0.00	39.94 -1.47 0.00	51.22 -1.10 0.00	48.68 -0.82 0.00	49.44 0.39 0.00	53.61 1.78 0.00	65.73 2.49 0.00	76.41 4.77 0.00	94.38 6.21 -1.04	92.40 3.41 -22.91	102.76 3.97 -14.00	80.56 3.72 -1.71	65.40 1.52 0.00	80.43 1.70 0.00	82.94 2.80 0.00	93.14 5.49 0.00	72.03 4.32 0.00	82.54 3.58 0.00	67.11 3.65 0.00	53.38 2.81 0.00
LOCKPORT___CC3 323771	56.02 0.33 0.00	49.91 -0.67 0.00	41.65 -1.60 0.00	36.44 -1.61 0.00	35.73 -1.61 0.00	39.94 -1.47 0.00	51.22 -1.10 0.00	48.68 -0.82 0.00	49.44 0.39 0.00	53.61 1.78 0.00	65.73 2.49 0.00	76.41 4.77 0.00	94.38 6.21 -1.04	92.40 3.41 -22.91	102.76 3.97 -14.00	80.56 3.72 -1.71	65.40 1.52 0.00	80.43 1.70 0.00	82.94 2.80 0.00	93.14 5.49 0.00	72.03 4.32 0.00	82.54 3.58 0.00	67.11 3.65 0.00	53.38 2.81 0.00
LOCUSVLY_69_KV_BK2 55797	57.00 1.31 0.00	51.90 1.32 0.00	44.36 1.11 0.00	38.98 0.94 0.00	38.29 0.94 0.00	42.32 0.91 0.00	53.03 0.72 0.00	50.32 0.82 0.00	50.20 1.16 0.00	53.17 1.34 0.00	65.65 2.42 0.00	73.25 1.61 0.00	88.36 1.24 0.00	67.90 1.82 0.00	87.78 3.00 0.00	79.17 4.10 0.06	68.39 4.51 0.00	83.69 4.96 0.00	84.33 4.39 0.20	90.82 3.72 0.56	69.62 1.97 0.06	80.23 1.27 0.00	63.78 0.32 0.00	51.75 1.17 0.00
LONG_LAKE_PHOENIX 24014	54.90 -0.79 0.00	49.68 -0.90 0.00	42.32 -0.93 0.00	37.20 -0.85 0.00	36.50 -0.84 0.00	40.51 -0.90 0.00	51.62 -1.04 -0.34	48.62 -0.88 0.00	48.34 -0.70 0.00	51.09 -0.74 0.00	63.97 0.74 0.00	72.83 1.19 0.00	87.98 0.85 0.00	65.69 -0.39 0.00	84.35 -0.44 0.00	74.92 -0.21 0.00	63.74 -0.14 0.00	78.72 -0.02 0.00	82.18 0.40 -1.64	100.99 0.91 -12.42	78.11 0.49 -9.91	91.33 0.01 -12.35	68.32 -0.25 -5.10	50.82 -0.38 -0.63
LOVETT___3 23632	56.26 0.57 0.00	51.27 0.69 0.00	43.88 0.62 0.00	38.60 0.55 0.00	37.92 0.58 0.00	41.93 0.52 0.00	52.70 0.38 0.00	50.00 0.50 0.00	49.68 0.64 0.00	52.41 0.58 0.00	64.03 0.80 0.00	72.18 0.54 0.00	87.74 0.62 0.00	67.13 1.05 0.00	86.43 1.65 0.00	77.58 2.45 0.00	66.75 2.86 0.00	82.13 3.40 0.00	83.29 3.15 0.00	90.51 2.85 0.00	69.06 1.34 0.00	79.65 0.68 0.00	63.54 0.07 0.00	51.06 0.48 0.00
LOVETT___4 23642	56.26 0.57 0.00	51.27 0.69 0.00	43.88 0.62 0.00	38.60 0.55 0.00	37.92 0.58 0.00	41.93 0.52 0.00	52.70 0.38 0.00	50.00 0.50 0.00	49.68 0.64 0.00	52.41 0.58 0.00	64.03 0.80 0.00	72.18 0.54 0.00	87.74 0.62 0.00	67.13 1.05 0.00	86.43 1.65 0.00	77.58 2.45 0.00	66.75 2.86 0.00	82.13 3.40 0.00	83.29 3.15 0.00	90.51 2.85 0.00	69.06 1.34 0.00	79.65 0.68 0.00	63.54 0.07 0.00	51.06 0.48 0.00
LOVETT___5 23593	56.26 0.57 0.00	51.27 0.69 0.00	43.88 0.62 0.00	38.60 0.55 0.00	37.92 0.58 0.00	41.93 0.52 0.00	52.70 0.38 0.00	50.00 0.50 0.00	49.68 0.64 0.00	52.41 0.58 0.00	64.03 0.80 0.00	72.18 0.54 0.00	87.74 0.62 0.00	67.13 1.05 0.00	86.43 1.65 0.00	77.58 2.45 0.00	66.75 2.86 0.00	82.13 3.40 0.00	83.29 3.15 0.00	90.51 2.85 0.00	69.06 1.34 0.00	79.65 0.68 0.00	63.54 0.07 0.00	51.06 0.48 0.00
LOWER RAQUET___HYD 24057	72.10 1.89 -14.51	51.98 1.41 0.00	44.45 1.20 0.00	39.13 1.08 0.00	38.41 1.07 0.00	42.74 1.33 0.00	54.32 1.98 -0.03	51.43 1.93 0.00	50.79 1.75 0.00	53.65 1.82 0.00	65.36 2.12 0.00	73.90 2.26 0.00	89.59 2.47 0.00	67.39 1.30 0.00	85.20 0.42 0.00	74.30 -0.83 0.00	62.57 -1.31 0.00	77.23 -1.51 0.00	78.91 -1.37 -0.14	87.79 -0.93 -1.06	68.46 -0.10 -0.85	80.83 0.80 -1.06	240.20 2.27 -174.47	116.24 1.75 -63.92
LOWER___HUDSON 24059	57.14 1.45 0.00	52.06 1.48 0.00	44.68 1.43 0.00	39.31 1.27 0.00	38.58 1.24 0.00	42.72 1.31 0.00	53.77 1.46 0.00	50.71 1.21 0.00	49.98 0.94 0.00	52.45 0.62 0.00	63.81 0.57 0.00	72.01 0.37 0.00	87.81 0.69 0.00	66.80 0.71 0.00	85.89 1.10 0.00	76.67 1.54 0.00	65.41 1.53 0.00	80.94 2.21 0.00	82.57 2.43 0.00	90.13 2.48 0.00	69.34 1.62 0.00	80.75 1.78 0.00	64.53 1.07 0.00	51.44 0.87 0.00
LOWVILLE_115KV_TB2 356335	61.29 1.49 -4.11	51.21 0.63 0.00	43.48 0.22 0.00	38.10 0.06 0.00	37.69 0.35 0.00	42.30 0.90 0.00	54.20 1.81 -0.07	51.42 1.92 0.00	50.93 1.89 0.00	53.83 2.00 0.00	65.76 2.53 0.00	74.31 2.67 0.00	90.51 3.39 0.00	68.02 1.93 0.00	86.47 1.68 0.00	76.30 1.18 0.00	65.01 1.12 0.00	80.66 1.93 0.00	83.49 3.02 -0.33	95.07 4.92 -2.49	73.77 4.07 -1.98	85.92 4.48 -2.47	117.04 3.97 -49.61	70.64 1.99 -18.08
LUTHERFT_115KV_GLOB_FND_222 355753	57.93 2.24 0.00	52.65 2.08 0.00	45.14 1.88 0.00	39.70 1.65 0.00	38.99 1.65 0.00	43.19 1.79 0.00	54.43 2.11 0.00	51.38 1.88 0.00	50.63 1.59 0.00	53.21 1.38 0.00	64.79 1.56 0.00	73.17 1.54 0.00	89.27 2.15 0.00	68.02 1.93 0.00	87.55 2.76 0.00	78.11 2.98 0.00	66.78 2.89 0.00	82.81 4.08 0.00	84.69 4.55 0.00	92.74 5.09 0.00	71.22 3.51 0.00	82.72 3.75 0.00	66.03 2.56 0.00	52.49 1.92 0.00

LUTHERNY_35_KV_BK2 355980	57.95 2.26 0.00	52.66 2.07 0.00	45.15 1.89 0.00	39.69 1.64 0.00	38.98 1.64 0.00	43.21 1.80 0.00	54.44 2.12 0.00	51.43 1.93 0.00	50.70 1.66 0.00	53.26 1.43 0.00	64.87 1.64 0.00	73.31 1.68 0.00	89.41 2.29 0.00	68.10 2.01 0.00	87.64 2.86 0.00	78.14 3.01 0.00	66.85 2.96 0.00	82.96 4.23 0.00	84.84 4.71 0.00	92.90 5.24 0.00	71.32 3.61 0.00	82.82 3.85 0.00	66.10 2.64 0.00	52.54 1.96 0.00
LWR___OSWEGATCHIE_HYD 23850	67.31 1.79 -9.83	51.68 1.10 0.00	44.02 0.76 0.00	38.67 0.62 0.00	38.09 0.74 0.00	42.56 1.15 0.00	54.34 1.97 -0.06	51.44 1.94 0.00	50.88 1.84 0.00	53.76 1.93 0.00	65.66 2.42 0.00	74.21 2.57 0.00	90.18 3.06 0.00	67.69 1.60 0.00	85.70 0.91 0.00	75.16 0.03 0.00	63.62 -0.26 0.00	78.78 0.04 0.00	81.12 0.70 -0.28	91.80 2.02 -2.12	71.41 2.01 -1.69	83.73 2.65 -2.11	185.05 3.28 -118.30	95.83 1.97 -43.28
LYONS_FALL_HYD 23570	59.85 1.44 -2.72	51.41 0.82 0.00	43.76 0.51 0.00	38.38 0.33 0.00	37.85 0.51 0.00	42.32 0.92 0.00	53.97 1.60 -0.05	51.15 1.64 0.00	50.61 1.57 0.00	53.47 1.64 0.00	65.27 2.03 0.00	73.83 2.19 0.00	89.95 2.83 0.00	67.88 1.80 0.00	86.65 1.87 0.00	76.67 1.53 0.00	65.37 1.48 0.00	81.03 2.29 0.00	83.53 3.15 -0.24	94.12 4.63 -1.83	72.81 3.63 -1.46	84.70 3.90 -1.82	99.54 3.22 -32.86	64.35 1.81 -11.97
MADISON___COUNTY_LFGE 323628	57.99 1.48 -0.82	51.77 1.19 0.00	44.14 0.89 0.00	38.77 0.72 0.00	38.08 0.74 0.00	42.36 0.96 0.00	53.72 1.35 -0.06	50.79 1.29 0.00	50.16 1.12 0.00	52.89 1.06 0.00	64.30 1.06 0.00	72.71 1.07 0.00	88.68 1.55 0.00	67.38 1.29 0.00	86.59 1.80 0.00	76.92 1.79 0.00	65.65 1.77 0.00	81.27 2.54 0.00	83.62 3.21 -0.27	94.03 4.32 -2.05	72.50 3.15 -1.64	84.06 3.06 -2.04	75.72 2.17 -10.09	55.97 1.78 -3.61
MALONE___115KV_TB1 356076	62.66 1.67 -5.29	51.91 1.33 0.00	44.31 1.06 0.00	38.98 0.94 0.00	38.22 0.87 0.00	42.41 1.00 0.00	53.79 1.47 0.00	51.16 1.66 0.00	50.68 1.64 0.00	53.71 1.88 0.00	65.46 2.22 0.00	74.18 2.54 0.00	90.06 2.94 0.00	67.86 1.78 0.00	86.72 1.93 0.00	76.06 0.93 0.00	64.37 0.48 0.00	79.39 0.66 0.00	80.86 0.72 0.00	88.67 1.02 0.00	69.06 1.35 0.00	80.85 1.88 0.00	292.14 2.08 -226.60	103.34 1.43 -51.33
MAPLEWOD_115KV_TB3 80458	57.08 1.39 0.00	52.03 1.45 0.00	44.62 1.37 0.00	39.27 1.22 0.00	38.54 1.20 0.00	42.67 1.26 0.00	53.71 1.39 0.00	50.69 1.19 0.00	49.99 0.95 0.00	52.57 0.74 0.00	64.00 0.77 0.00	72.20 0.56 0.00	87.99 0.87 0.00	66.62 0.54 0.00	85.65 0.86 0.00	76.53 1.39 0.00	65.25 1.37 0.00	80.45 1.71 0.00	82.06 1.92 0.00	89.49 1.83 0.00	68.78 1.07 0.00	79.98 1.02 0.00	63.93 0.46 0.00	51.00 0.42 0.00
MAPLE_RIDGE_WT_1 323574	55.15 -0.54 0.00	50.01 -0.58 0.00	42.71 -0.54 0.00	37.61 -0.44 0.00	36.98 -0.36 0.00	41.05 -0.36 0.00	51.97 -0.34 0.00	49.25 -0.25 0.00	48.93 -0.11 0.00	51.90 0.06 0.00	63.33 0.10 0.00	71.63 -0.01 0.00	87.01 -0.11 0.00	65.91 -0.18 0.00	84.46 -0.33 0.00	74.73 -0.40 0.00	63.51 -0.37 0.00	78.26 -0.48 0.00	79.65 -0.48 0.00	87.15 -0.50 0.00	67.33 -0.38 0.00	78.55 -0.42 0.00	60.20 -0.45 2.82	49.50 -0.60 0.48
MAPLE_RIDGE_WT_2 323611	55.15 -0.54 0.00	50.01 -0.58 0.00	42.71 -0.54 0.00	37.61 -0.44 0.00	36.98 -0.36 0.00	41.05 -0.36 0.00	51.97 -0.34 0.00	49.25 -0.25 0.00	48.93 -0.11 0.00	51.90 0.06 0.00	63.33 0.10 0.00	71.63 -0.01 0.00	87.01 -0.11 0.00	65.91 -0.18 0.00	84.46 -0.33 0.00	74.73 -0.40 0.00	63.51 -0.37 0.00	78.26 -0.48 0.00	79.65 -0.48 0.00	87.15 -0.50 0.00	67.33 -0.38 0.00	78.55 -0.42 0.00	60.20 -0.45 2.82	49.50 -0.60 0.48
MARBLE_RIVER_WT_PWR 323696	57.16 0.59 -0.88	51.10 0.51 0.00	43.62 0.36 0.00	38.40 0.36 0.00	37.64 0.30 0.00	41.71 0.31 0.00	52.77 0.46 0.00	50.19 0.69 0.00	49.78 0.74 0.00	52.76 0.93 0.00	64.30 1.06 0.00	72.86 1.22 0.00	88.51 1.39 0.00	66.72 0.64 0.00	85.52 0.74 0.00	75.04 -0.09 0.00	63.65 -0.23 0.00	78.41 -0.32 0.00	79.67 -0.47 0.00	87.10 -0.56 0.00	67.63 -0.08 0.00	79.32 0.36 0.00	48.88 0.47 15.05	50.29 0.25 0.54
MARSHVLE_115KV_TB1 80742	57.98 2.29 0.00	52.47 1.89 0.00	44.73 1.48 0.00	39.19 1.14 0.00	38.51 1.16 0.00	42.80 1.40 0.00	54.32 2.00 0.00	51.03 1.53 0.00	50.03 0.99 0.00	52.80 0.97 0.00	64.52 1.28 0.00	73.27 1.63 0.00	89.16 2.03 0.00	67.91 1.83 0.00	87.01 2.22 0.00	77.17 2.04 0.00	65.79 1.91 0.00	81.54 2.80 0.00	84.21 4.07 0.00	93.93 6.27 0.00	72.72 5.00 0.00	84.31 5.34 0.00	67.49 4.03 0.00	53.61 3.04 0.00
MARSH_HILL_WT_PWR 323713	55.09 -0.60 0.00	49.25 -1.33 0.00	41.34 -1.92 0.00	36.39 -1.65 0.00	35.77 -1.57 0.00	39.79 -1.62 0.00	51.07 -1.29 -0.04	48.62 -0.88 0.00	48.89 -0.15 0.00	52.67 0.84 0.00	64.64 1.40 0.00	74.51 2.87 0.00	91.23 3.64 -0.47	78.59 2.24 -10.27	93.98 2.91 -6.28	78.78 2.89 -0.77	65.84 1.95 0.00	81.33 2.59 0.00	84.46 4.12 -0.21	96.34 7.10 -1.59	74.17 5.19 -1.27	84.24 3.70 -1.58	66.50 2.85 -0.18	52.14 1.56 0.00
MCINTYRE_115KV_TB2 80467	75.24 3.29 -16.26	53.27 2.70 0.00	45.56 2.31 0.00	40.14 2.09 0.00	39.37 2.03 0.00	43.79 2.39 0.00	55.62 3.30 0.00	52.45 2.95 0.00	51.38 2.33 0.00	53.99 2.16 0.00	65.67 2.43 0.00	74.26 2.62 0.00	89.95 2.83 0.00	67.73 1.65 0.00	85.93 1.14 0.00	75.26 0.13 0.00	63.39 -0.49 0.00	78.32 -0.42 0.00	80.22 0.08 0.00	89.21 1.55 0.00	69.82 2.11 0.00	82.30 3.33 0.00	249.22 3.94 -181.82	122.82 2.97 -69.28
MECO_____69_KV_BK1 80468	58.95 3.26 0.00	53.37 2.79 0.00	45.54 2.28 0.00	39.92 1.88 0.00	39.21 1.87 0.00	43.56 2.15 0.00	55.20 2.88 0.00	51.77 2.26 0.00	50.30 1.26 0.00	52.57 0.74 0.00	63.91 0.67 0.00	72.31 0.67 0.00	88.14 1.01 0.00	67.31 1.23 0.00	86.41 1.62 0.00	76.96 1.83 0.00	66.01 2.12 0.00	82.33 3.60 0.00	85.58 5.44 0.00	95.65 7.99 0.00	73.94 6.23 0.00	85.66 6.69 0.00	68.31 4.85 0.00	54.16 3.58 0.00
MENANDS___115KV_TB5 355628	56.78 1.09 0.00	51.78 1.20 0.00	44.45 1.19 0.00	39.12 1.07 0.00	38.40 1.05 0.00	42.50 1.10 0.00	53.49 1.18 0.00	50.46 0.96 0.00	49.77 0.73 0.00	52.33 0.49 0.00	63.69 0.46 0.00	71.82 0.18 0.00	87.45 0.33 0.00	66.08 -0.01 0.00	84.91 0.13 0.00	75.82 0.69 0.00	64.62 0.74 0.00	79.56 0.82 0.00	81.05 0.91 0.00	88.30 0.65 0.00	67.91 0.20 0.00	79.02 0.05 0.00	63.20 -0.27 0.00	50.47 -0.11 0.00
MG INDUSTRY___DRP 24185	55.41 -0.28 0.00	50.61 0.03 0.00	43.47 0.21 0.00	38.25 0.21 0.00	37.57 0.23 0.00	41.60 0.19 0.00	52.35 0.03 0.00	49.32 -0.18 0.00	48.52 -0.52 0.00	51.00 -0.83 0.00	62.09 -1.14 0.00	69.97 -1.67 0.00	85.09 -2.03 0.00	64.33 -1.75 0.00	82.64 -2.15 0.00	73.62 -1.51 0.00	62.73 -1.16 0.00	77.22 -1.51 0.00	78.82 -1.32 0.00	86.14 -1.52 0.00	66.36 -1.35 0.00	77.27 -1.70 0.00	61.87 -1.59 0.00	49.45 -1.12 0.00

MID___OSWEGATCHIE_HYD 23849	67.31 1.79 -9.83	51.68 1.10 0.00	44.02 0.76 0.00	38.67 0.62 0.00	38.09 0.74 0.00	42.56 1.15 0.00	54.34 1.97 -0.06	51.44 1.94 0.00	50.88 1.84 0.00	53.76 1.93 0.00	65.66 2.42 0.00	74.21 2.57 0.00	90.18 3.06 0.00	67.69 1.60 0.00	85.70 0.91 0.00	75.16 0.03 0.00	63.62 -0.26 0.00	78.78 0.04 0.00	81.12 0.70 -0.28	91.80 2.02 -2.12	71.41 2.01 -1.69	83.73 2.65 -2.11	185.05 3.28 -118.30	95.83 1.97 -43.28
MID___RAQUETTE_HYD 23851	72.10 1.89 -14.51	51.99 1.41 0.00	44.45 1.20 0.00	39.13 1.08 0.00	38.41 1.07 0.00	42.74 1.34 0.00	54.32 1.98 -0.03	51.43 1.93 0.00	50.79 1.75 0.00	53.65 1.82 0.00	65.36 2.12 0.00	73.90 2.26 0.00	89.60 2.48 0.00	67.39 1.30 0.00	85.20 0.42 0.00	74.30 -0.83 0.00	62.58 -1.31 0.00	77.23 -1.51 0.00	78.91 -1.37 -0.14	87.79 -0.93 -1.06	68.46 -0.10 -0.85	80.83 0.80 -1.06	240.20 2.27 -174.47	116.24 1.75 -63.92
MILLIKEN___1 23584	56.59 0.90 0.00	51.20 0.61 0.00	43.54 0.29 0.00	38.22 0.17 0.00	37.58 0.23 0.00	41.74 0.34 0.00	53.03 0.59 -0.12	50.13 0.63 0.00	49.63 0.59 0.00	52.48 0.65 0.00	64.01 0.77 0.00	72.83 1.19 0.00	88.70 1.58 0.00	67.39 1.31 0.00	86.45 1.66 0.00	76.93 1.80 0.00	65.56 1.68 0.00	81.12 2.39 0.00	84.09 3.37 -0.58	96.94 4.94 -4.35	74.67 3.49 -3.47	86.50 3.21 -4.32	66.23 2.25 -0.51	52.02 1.44 0.00
MILLIKEN___2 23585	56.59 0.90 0.00	51.20 0.61 0.00	43.54 0.29 0.00	38.22 0.17 0.00	37.58 0.23 0.00	41.74 0.34 0.00	53.03 0.59 -0.12	50.13 0.63 0.00	49.63 0.59 0.00	52.48 0.65 0.00	64.01 0.77 0.00	72.83 1.19 0.00	88.70 1.58 0.00	67.39 1.31 0.00	86.45 1.66 0.00	76.93 1.80 0.00	65.56 1.68 0.00	81.12 2.39 0.00	84.09 3.37 -0.58	96.94 4.94 -4.35	74.67 3.49 -3.47	86.50 3.21 -4.32	66.23 2.25 -0.51	52.02 1.44 0.00
MILLIKEN___DIESEL 23629	56.59 0.90 0.00	51.20 0.61 0.00	43.54 0.29 0.00	38.22 0.17 0.00	37.58 0.23 0.00	41.74 0.34 0.00	53.03 0.59 -0.12	50.13 0.63 0.00	49.63 0.59 0.00	52.48 0.65 0.00	64.01 0.77 0.00	72.83 1.19 0.00	88.70 1.58 0.00	67.39 1.31 0.00	86.45 1.66 0.00	76.93 1.80 0.00	65.56 1.68 0.00	81.12 2.39 0.00	84.09 3.37 -0.58	96.94 4.94 -4.35	74.67 3.49 -3.47	86.50 3.21 -4.32	66.23 2.25 -0.51	52.02 1.44 0.00
MILLSEAT___LFGE 323607	57.55 1.85 0.00	51.29 0.70 0.00	42.84 -0.41 0.00	37.48 -0.57 0.00	36.77 -0.57 0.00	41.09 -0.32 0.00	52.68 0.36 0.00	50.10 0.61 0.00	50.64 1.60 0.00	54.60 2.77 0.00	66.61 3.38 0.00	77.07 5.43 0.00	95.62 7.22 -1.27	98.60 4.49 -28.03	107.34 5.42 -17.13	82.41 5.18 -2.09	66.77 2.89 0.00	82.51 3.78 0.00	85.40 5.26 0.00	95.80 8.15 0.00	74.03 6.31 0.00	84.75 5.79 0.00	68.62 5.16 0.00	54.83 4.25 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	56.44 0.75 0.00	51.47 0.89 0.00	44.04 0.79 0.00	38.73 0.68 0.00	38.05 0.70 0.00	42.08 0.68 0.00	52.88 0.56 0.00	50.20 0.70 0.00	49.88 0.84 0.00	52.61 0.78 0.00	64.26 1.02 0.00	72.40 0.76 0.00	87.99 0.87 0.00	67.33 1.25 0.00	86.69 1.90 0.00	77.82 2.69 0.00	66.95 3.07 0.00	82.38 3.65 0.00	83.50 3.36 0.00	90.71 3.05 0.00	69.25 1.54 0.00	79.88 0.91 0.00	63.71 0.24 0.00	51.21 0.64 0.00
MILLWOOD_13_KV_LOAD 356217	56.55 0.86 0.00	51.55 0.97 0.00	44.12 0.87 0.00	38.79 0.75 0.00	38.11 0.77 0.00	42.15 0.74 0.00	52.98 0.66 0.00	50.29 0.79 0.00	49.97 0.93 0.00	52.71 0.88 0.00	64.40 1.16 0.00	72.55 0.91 0.00	88.20 1.07 0.00	67.50 1.41 0.00	86.89 2.11 0.00	78.03 2.90 0.00	67.14 3.26 0.00	82.63 3.90 0.00	83.75 3.61 0.00	91.00 3.34 0.00	69.45 1.74 0.00	80.10 1.14 0.00	63.85 0.39 0.00	51.31 0.74 0.00
MODEL_CITY_ENERGY 24167	55.86 0.17 0.00	49.78 -0.80 0.00	41.55 -1.70 0.00	36.35 -1.70 0.00	35.66 -1.69 0.00	39.85 -1.55 0.00	51.10 -1.22 0.00	48.49 -1.01 0.00	49.25 0.21 0.00	53.45 1.61 0.00	65.53 2.29 0.00	76.19 4.55 0.00	94.04 5.94 -0.98	90.79 3.18 -21.53	101.61 3.66 -13.16	80.18 3.44 -1.61	65.13 1.25 0.00	80.13 1.40 0.00	82.59 2.45 0.00	92.65 5.00 0.00	71.74 4.03 0.00	82.27 3.31 0.00	66.89 3.43 0.00	53.29 2.71 0.00
MODERN_LFGE___ 323580	55.86 0.17 0.00	49.78 -0.80 0.00	41.55 -1.70 0.00	36.35 -1.70 0.00	35.66 -1.69 0.00	39.85 -1.55 0.00	51.10 -1.22 0.00	48.49 -1.01 0.00	49.25 0.21 0.00	53.45 1.61 0.00	65.53 2.29 0.00	76.19 4.55 0.00	94.04 5.94 -0.98	90.79 3.18 -21.53	101.61 3.66 -13.16	80.18 3.44 -1.61	65.13 1.25 0.00	80.13 1.40 0.00	82.59 2.45 0.00	92.65 5.00 0.00	71.74 4.03 0.00	82.27 3.31 0.00	66.89 3.43 0.00	53.29 2.71 0.00
MOHAWK_PAPER___DRP 24187	57.08 1.39 0.00	52.03 1.45 0.00	44.62 1.37 0.00	39.27 1.22 0.00	38.54 1.20 0.00	42.67 1.26 0.00	53.71 1.39 0.00	50.69 1.19 0.00	49.99 0.95 0.00	52.57 0.74 0.00	64.00 0.77 0.00	72.20 0.56 0.00	87.99 0.87 0.00	66.62 0.54 0.00	85.65 0.86 0.00	76.53 1.39 0.00	65.25 1.37 0.00	80.45 1.71 0.00	82.06 1.92 0.00	89.49 1.83 0.00	68.78 1.07 0.00	79.98 1.02 0.00	63.93 0.46 0.00	51.00 0.42 0.00
MOHICAN___35_KV_115KV_LD 80490	58.52 2.83 0.00	53.04 2.45 0.00	45.42 2.17 0.00	40.02 1.98 0.00	39.32 1.98 0.00	43.53 2.13 0.00	54.82 2.50 0.00	51.78 2.28 0.00	51.01 1.97 0.00	53.56 1.73 0.00	65.30 2.07 0.00	73.64 2.00 0.00	90.07 2.95 0.00	68.82 2.73 0.00	88.69 3.90 0.00	79.07 3.94 0.00	67.64 3.76 0.00	84.10 5.36 0.00	86.11 5.97 0.00	94.40 6.75 0.00	72.31 4.60 0.00	84.01 5.04 0.00	66.82 3.35 0.00	53.03 2.46 0.00
MONGAUP___HYD 23641	57.01 1.32 0.00	51.87 1.29 0.00	44.34 1.09 0.00	38.98 0.94 0.00	38.28 0.93 0.00	42.37 0.96 0.00	53.38 1.06 0.00	50.54 1.04 0.00	49.86 0.82 0.00	52.31 0.47 0.00	63.64 0.40 0.00	71.78 0.14 0.00	87.32 0.19 0.00	66.75 0.67 0.00	85.98 1.19 0.00	77.05 1.92 0.00	66.40 2.52 0.00	82.25 3.52 0.00	84.08 3.95 0.00	92.13 4.48 0.00	70.55 2.84 0.00	81.51 2.54 0.00	64.96 1.49 0.00	51.91 1.34 0.00
MONTAUK___DIESEL 23721	57.90 2.21 0.00	52.73 2.14 0.00	44.90 1.64 0.00	39.39 1.34 0.00	38.74 1.39 0.00	42.63 1.22 0.00	53.28 0.96 0.00	50.46 0.96 0.00	50.80 1.76 0.00	54.38 2.55 0.00	68.58 5.34 0.00	76.32 4.69 0.00	91.45 4.97 0.64	70.23 4.15 0.00	95.05 5.92 -4.34	181.22 7.28 -98.81	208.74 6.43 -138.43	201.17 7.03 -115.41	172.48 5.85 -86.49	95.36 4.02 -3.69	69.99 2.36 0.09	80.74 1.78 0.00	63.43 -0.04 0.00	52.07 1.50 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	55.79 0.10 0.00	49.67 -0.92 0.00	41.36 -1.89 0.00	36.16 -1.88 0.00	35.66 -1.68 0.00	40.04 -1.36 0.00	51.71 -0.61 0.00	49.71 0.21 0.00	50.57 1.53 0.00	54.98 3.15 0.00	67.91 4.67 0.00	78.94 7.30 0.00	96.36 8.52 -0.72	87.76 5.82 -15.86	101.73 7.25 -9.70	82.76 6.45 -1.19	68.28 4.39 0.00	84.07 5.34 0.00	86.80 6.66 0.00	97.47 9.81 0.00	74.76 7.05 0.00	85.22 6.25 0.00	69.08 5.61 0.00	54.05 3.48 0.00

MORRIS_RIDGE___SOLAR 323848	55.32 -0.37 0.00	49.50 -1.08 0.00	41.58 -1.68 0.00	36.49 -1.55 0.00	35.84 -1.51 0.00	39.91 -1.49 0.00	51.13 -1.22 -0.03	48.47 -1.03 0.00	48.63 -0.41 0.00	52.31 0.47 0.00	64.12 0.88 0.00	74.00 2.36 0.00	90.77 3.07 -0.58	80.56 1.68 -12.80	94.67 2.07 -7.82	78.13 2.05 -0.96	64.88 0.99 0.00	80.00 1.26 0.00	83.02 2.73 -0.16	94.63 5.79 -1.19	72.98 4.32 -0.95	83.47 3.32 -1.19	66.61 3.00 -0.14	52.48 1.91 0.00
MORTIMER_115KV_TB3 55949	56.74 1.05 0.00	50.88 0.30 0.00	42.84 -0.42 0.00	37.54 -0.50 0.00	36.82 -0.52 0.00	41.04 -0.37 0.00	52.31 0.00 0.00	49.73 0.23 0.00	50.03 0.99 0.00	53.77 1.93 0.00	66.01 2.77 0.00	76.17 4.53 0.00	95.18 6.00 -2.06	115.48 4.10 -45.29	117.59 5.12 -27.69	83.27 4.76 -3.38	66.96 3.08 0.00	82.48 3.74 0.00	84.88 4.74 0.00	94.34 6.69 0.00	72.67 4.96 0.00	83.66 4.69 0.00	67.31 3.84 0.00	53.25 2.68 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	56.64 0.95 0.00	51.67 1.09 0.00	44.23 0.98 0.00	38.90 0.86 0.00	38.21 0.87 0.00	42.27 0.87 0.00	53.09 0.77 0.00	50.50 1.00 0.00	50.23 1.20 0.00	52.97 1.14 0.00	64.64 1.41 0.00	72.78 1.14 0.00	88.43 1.31 0.00	67.74 1.66 0.00	87.20 2.41 0.00	78.34 3.21 0.00	67.45 3.57 0.00	82.92 4.18 0.00	83.93 3.79 0.00	91.08 3.43 0.00	69.47 1.76 0.00	80.06 1.10 0.00	63.81 0.34 0.00	51.38 0.80 0.00
MUNSVILLE_WIND_PWR 323609	58.31 2.62 0.00	53.09 2.51 0.00	45.27 2.02 0.00	39.81 1.77 0.00	39.20 1.85 0.00	43.63 2.23 0.00	55.71 3.32 -0.08	52.68 3.18 0.00	52.04 3.00 0.00	55.08 3.24 0.00	67.22 3.98 0.00	76.55 4.91 0.00	93.06 5.94 0.00	70.78 4.70 0.00	90.90 6.11 0.00	81.07 5.95 0.00	69.36 5.47 0.00	86.38 7.64 0.00	89.46 8.95 -0.37	101.64 11.16 -2.83	77.72 7.75 -2.26	89.33 7.55 -2.81	68.93 5.13 -0.33	53.42 2.84 0.00
N SALMON___HYD 24042	62.66 1.67 -5.29	51.91 1.33 0.00	44.31 1.05 0.00	38.98 0.94 0.00	38.22 0.87 0.00	42.41 1.00 0.00	53.79 1.48 0.00	51.17 1.67 0.00	50.68 1.64 0.00	53.72 1.89 0.00	65.45 2.22 0.00	74.18 2.54 0.00	90.06 2.94 0.00	67.86 1.78 0.00	86.72 1.93 0.00	76.06 0.93 0.00	64.36 0.48 0.00	79.39 0.66 0.00	80.86 0.72 0.00	88.67 1.02 0.00	69.06 1.35 0.00	80.85 1.88 0.00	292.14 2.08 -226.60	103.34 1.43 -51.33
N.AKRON__115KV_KNAPP 355671	57.17 1.48 0.00	50.94 0.36 0.00	42.53 -0.72 0.00	37.21 -0.84 0.00	36.50 -0.85 0.00	40.80 -0.61 0.00	52.31 0.00 0.00	49.74 0.24 0.00	50.38 1.34 0.00	54.45 2.61 0.00	66.59 3.36 0.00	77.19 5.56 0.00	95.63 7.31 -1.20	96.89 4.43 -26.38	106.26 5.35 -16.12	82.15 5.05 -1.97	66.60 2.72 0.00	82.19 3.45 0.00	84.93 4.79 0.00	95.29 7.63 0.00	73.65 5.94 0.00	84.34 5.38 0.00	68.35 4.89 0.00	54.48 3.90 0.00
N.E_GEN_SANDY PD 24062	57.28 0.74 -0.84	51.04 0.91 0.45	44.28 0.94 -0.08	38.88 0.83 0.00	38.18 0.84 0.00	42.22 0.81 0.00	53.05 0.73 0.00	50.12 0.62 0.00	49.49 0.45 0.00	51.94 0.10 0.00	63.16 -0.08 0.00	71.17 -0.47 0.00	86.79 -0.33 0.00	66.21 0.12 0.00	83.18 0.41 2.02	74.10 1.15 2.18	65.17 1.33 0.04	80.58 1.84 0.00	81.92 1.78 0.00	89.14 1.49 0.00	68.43 0.72 0.00	83.48 0.62 -3.90	63.69 0.11 -0.12	51.87 0.30 -0.99
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	56.38 0.69 0.00	51.37 0.79 0.00	43.95 0.70 0.00	38.65 0.61 0.00	37.97 0.63 0.00	41.99 0.58 0.00	52.77 0.45 0.00	50.08 0.58 0.00	49.77 0.73 0.00	52.52 0.69 0.00	64.22 0.98 0.00	72.44 0.80 0.00	88.08 0.95 0.00	67.41 1.32 0.00	86.79 2.00 0.00	77.94 2.81 0.00	67.04 3.16 0.00	82.51 3.78 0.00	83.68 3.54 0.00	90.92 3.26 0.00	69.35 1.63 0.00	79.95 0.98 0.00	63.76 0.29 0.00	51.21 0.63 0.00
N.QUEENS_27_KV_LOAD 356247	56.61 0.92 0.00	51.66 1.09 0.00	44.30 1.05 0.00	38.99 0.94 0.00	38.27 0.92 0.00	42.26 0.86 0.00	53.14 0.82 0.00	50.64 1.14 0.00	50.41 1.37 0.00	53.04 1.21 0.00	64.40 1.16 0.00	72.45 0.81 0.00	88.11 0.99 0.00	67.59 1.50 0.00	86.80 2.01 0.00	78.03 2.84 -0.06	67.16 3.28 0.00	82.48 3.75 0.00	83.53 3.25 -0.14	91.04 2.96 -0.43	69.01 1.26 -0.03	79.51 0.54 0.00	63.38 -0.09 0.00	51.28 0.70 0.00
N.TROY___115KV_TB1 355778	57.14 1.45 0.00	52.06 1.48 0.00	44.69 1.43 0.00	39.31 1.27 0.00	38.58 1.24 0.00	42.72 1.31 0.00	53.77 1.45 0.00	50.71 1.21 0.00	49.98 0.94 0.00	52.45 0.62 0.00	63.81 0.57 0.00	72.01 0.37 0.00	87.81 0.69 0.00	66.80 0.71 0.00	85.89 1.10 0.00	76.68 1.55 0.00	65.42 1.53 0.00	80.94 2.21 0.00	82.56 2.43 0.00	90.13 2.48 0.00	69.34 1.63 0.00	80.75 1.79 0.00	64.53 1.07 0.00	51.44 0.87 0.00
NARROWS_GT1_1 24228	56.50 0.81 0.00	51.58 1.00 0.00	44.27 1.01 0.00	38.91 0.86 0.00	38.23 0.88 0.00	42.28 0.88 0.00	52.96 0.64 0.00	50.50 1.00 0.00	50.27 1.23 0.00	52.92 1.08 0.00	64.32 1.08 0.00	72.41 0.77 0.00	88.08 0.96 0.00	67.55 1.46 0.00	86.85 2.06 0.00	78.18 3.05 0.00	67.45 3.57 0.00	82.78 4.05 0.00	83.77 3.63 0.00	91.06 3.40 0.00	69.24 1.53 0.00	79.76 0.80 0.00	63.62 0.15 0.00	51.43 0.86 0.00
NARROWS_GT1_2 24229	56.50 0.81 0.00	51.58 1.00 0.00	44.27 1.01 0.00	38.91 0.86 0.00	38.23 0.88 0.00	42.28 0.88 0.00	52.96 0.64 0.00	50.50 1.00 0.00	50.27 1.23 0.00	52.92 1.08 0.00	64.32 1.08 0.00	72.41 0.77 0.00	88.08 0.96 0.00	67.55 1.46 0.00	86.85 2.06 0.00	78.18 3.05 0.00	67.45 3.57 0.00	82.78 4.05 0.00	83.77 3.63 0.00	91.06 3.40 0.00	69.24 1.53 0.00	79.76 0.80 0.00	63.62 0.15 0.00	51.43 0.86 0.00
NARROWS_GT1_3 24230	56.50 0.81 0.00	51.58 1.00 0.00	44.27 1.01 0.00	38.91 0.86 0.00	38.23 0.88 0.00	42.28 0.88 0.00	52.96 0.64 0.00	50.50 1.00 0.00	50.27 1.23 0.00	52.92 1.08 0.00	64.32 1.08 0.00	72.41 0.77 0.00	88.08 0.96 0.00	67.55 1.46 0.00	86.85 2.06 0.00	78.18 3.05 0.00	67.45 3.57 0.00	82.78 4.05 0.00	83.77 3.63 0.00	91.06 3.40 0.00	69.24 1.53 0.00	79.76 0.80 0.00	63.62 0.15 0.00	51.43 0.86 0.00
NARROWS_GT1_4 24231	56.50 0.81 0.00	51.58 1.00 0.00	44.27 1.01 0.00	38.91 0.86 0.00	38.23 0.88 0.00	42.28 0.88 0.00	52.96 0.64 0.00	50.50 1.00 0.00	50.27 1.23 0.00	52.92 1.08 0.00	64.32 1.08 0.00	72.41 0.77 0.00	88.08 0.96 0.00	67.55 1.46 0.00	86.85 2.06 0.00	78.18 3.05 0.00	67.45 3.57 0.00	82.78 4.05 0.00	83.77 3.63 0.00	91.06 3.40 0.00	69.24 1.53 0.00	79.76 0.80 0.00	63.62 0.15 0.00	51.43 0.86 0.00
NARROWS_GT1_5 24232	56.50 0.81 0.00	51.58 1.00 0.00	44.27 1.01 0.00	38.91 0.86 0.00	38.23 0.88 0.00	42.28 0.88 0.00	52.96 0.64 0.00	50.50 1.00 0.00	50.27 1.23 0.00	52.92 1.08 0.00	64.32 1.08 0.00	72.41 0.77 0.00	88.08 0.96 0.00	67.55 1.46 0.00	86.85 2.06 0.00	78.18 3.05 0.00	67.45 3.57 0.00	82.78 4.05 0.00	83.77 3.63 0.00	91.06 3.40 0.00	69.24 1.53 0.00	79.76 0.80 0.00	63.62 0.15 0.00	51.43 0.86 0.00

NARROWS_GT1_6 24233	56.50 0.81 0.00	51.58 1.00 0.00	44.27 1.01 0.00	38.91 0.86 0.00	38.23 0.88 0.00	42.28 0.88 0.00	52.96 0.64 0.00	50.50 1.00 0.00	50.27 1.23 0.00	52.92 1.08 0.00	64.32 1.08 0.00	72.41 0.77 0.00	88.08 0.96 0.00	67.55 1.46 0.00	86.85 2.06 0.00	78.18 3.05 0.00	67.45 3.57 0.00	82.78 4.05 0.00	83.77 3.63 0.00	91.06 3.40 0.00	69.24 1.53 0.00	79.76 0.80 0.00	63.62 0.15 0.00	51.43 0.86 0.00
NARROWS_GT1_7 24234	56.50 0.81 0.00	51.58 1.00 0.00	44.27 1.01 0.00	38.91 0.86 0.00	38.23 0.88 0.00	42.28 0.88 0.00	52.96 0.64 0.00	50.50 1.00 0.00	50.27 1.23 0.00	52.92 1.08 0.00	64.32 1.08 0.00	72.41 0.77 0.00	88.08 0.96 0.00	67.55 1.46 0.00	86.85 2.06 0.00	78.18 3.05 0.00	67.45 3.57 0.00	82.78 4.05 0.00	83.77 3.63 0.00	91.06 3.40 0.00	69.24 1.53 0.00	79.76 0.80 0.00	63.62 0.15 0.00	51.43 0.86 0.00
NARROWS_GT1_8 24235	56.50 0.81 0.00	51.58 1.00 0.00	44.27 1.01 0.00	38.91 0.86 0.00	38.23 0.88 0.00	42.28 0.88 0.00	52.96 0.64 0.00	50.50 1.00 0.00	50.27 1.23 0.00	52.92 1.08 0.00	64.32 1.08 0.00	72.41 0.77 0.00	88.08 0.96 0.00	67.55 1.46 0.00	86.85 2.06 0.00	78.18 3.05 0.00	67.45 3.57 0.00	82.78 4.05 0.00	83.77 3.63 0.00	91.06 3.40 0.00	69.24 1.53 0.00	79.76 0.80 0.00	63.62 0.15 0.00	51.43 0.86 0.00
NARROWS_GT2_1 24236	56.50 0.81 0.00	51.58 1.00 0.00	44.27 1.01 0.00	38.91 0.86 0.00	38.23 0.88 0.00	42.28 0.88 0.00	52.96 0.64 0.00	50.50 1.00 0.00	50.27 1.23 0.00	52.92 1.08 0.00	64.32 1.08 0.00	72.41 0.77 0.00	88.08 0.96 0.00	67.55 1.46 0.00	86.85 2.06 0.00	78.18 3.05 0.00	67.45 3.57 0.00	82.78 4.05 0.00	83.77 3.63 0.00	91.06 3.40 0.00	69.24 1.53 0.00	79.76 0.80 0.00	63.62 0.15 0.00	51.43 0.86 0.00
NARROWS_GT2_2 24237	56.50 0.81 0.00	51.58 1.00 0.00	44.27 1.01 0.00	38.91 0.86 0.00	38.23 0.88 0.00	42.28 0.88 0.00	52.96 0.64 0.00	50.50 1.00 0.00	50.27 1.23 0.00	52.92 1.08 0.00	64.32 1.08 0.00	72.41 0.77 0.00	88.08 0.96 0.00	67.55 1.46 0.00	86.85 2.06 0.00	78.18 3.05 0.00	67.45 3.57 0.00	82.78 4.05 0.00	83.77 3.63 0.00	91.06 3.40 0.00	69.24 1.53 0.00	79.76 0.80 0.00	63.62 0.15 0.00	51.43 0.86 0.00
NARROWS_GT2_3 24238	56.50 0.81 0.00	51.58 1.00 0.00	44.27 1.01 0.00	38.91 0.86 0.00	38.23 0.88 0.00	42.28 0.88 0.00	52.96 0.64 0.00	50.50 1.00 0.00	50.27 1.23 0.00	52.92 1.08 0.00	64.32 1.08 0.00	72.41 0.77 0.00	88.08 0.96 0.00	67.55 1.46 0.00	86.85 2.06 0.00	78.18 3.05 0.00	67.45 3.57 0.00	82.78 4.05 0.00	83.77 3.63 0.00	91.06 3.40 0.00	69.24 1.53 0.00	79.76 0.80 0.00	63.62 0.15 0.00	51.43 0.86 0.00
NARROWS_GT2_4 24239	56.50 0.81 0.00	51.58 1.00 0.00	44.27 1.01 0.00	38.91 0.86 0.00	38.23 0.88 0.00	42.28 0.88 0.00	52.96 0.64 0.00	50.50 1.00 0.00	50.27 1.23 0.00	52.92 1.08 0.00	64.32 1.08 0.00	72.41 0.77 0.00	88.08 0.96 0.00	67.55 1.46 0.00	86.85 2.06 0.00	78.18 3.05 0.00	67.45 3.57 0.00	82.78 4.05 0.00	83.77 3.63 0.00	91.06 3.40 0.00	69.24 1.53 0.00	79.76 0.80 0.00	63.62 0.15 0.00	51.43 0.86 0.00
NARROWS_GT2_5 24240	56.50 0.81 0.00	51.58 1.00 0.00	44.27 1.01 0.00	38.91 0.86 0.00	38.23 0.88 0.00	42.28 0.88 0.00	52.96 0.64 0.00	50.50 1.00 0.00	50.27 1.23 0.00	52.92 1.08 0.00	64.32 1.08 0.00	72.41 0.77 0.00	88.08 0.96 0.00	67.55 1.46 0.00	86.85 2.06 0.00	78.18 3.05 0.00	67.45 3.57 0.00	82.78 4.05 0.00	83.77 3.63 0.00	91.06 3.40 0.00	69.24 1.53 0.00	79.76 0.80 0.00	63.62 0.15 0.00	51.43 0.86 0.00
NARROWS_GT2_6 24241	56.50 0.81 0.00	51.58 1.00 0.00	44.27 1.01 0.00	38.91 0.86 0.00	38.23 0.88 0.00	42.28 0.88 0.00	52.96 0.64 0.00	50.50 1.00 0.00	50.27 1.23 0.00	52.92 1.08 0.00	64.32 1.08 0.00	72.41 0.77 0.00	88.08 0.96 0.00	67.55 1.46 0.00	86.85 2.06 0.00	78.18 3.05 0.00	67.45 3.57 0.00	82.78 4.05 0.00	83.77 3.63 0.00	91.06 3.40 0.00	69.24 1.53 0.00	79.76 0.80 0.00	63.62 0.15 0.00	51.43 0.86 0.00
NARROWS_GT2_7 24242	56.50 0.81 0.00	51.58 1.00 0.00	44.27 1.01 0.00	38.91 0.86 0.00	38.23 0.88 0.00	42.28 0.88 0.00	52.96 0.64 0.00	50.50 1.00 0.00	50.27 1.23 0.00	52.92 1.08 0.00	64.32 1.08 0.00	72.41 0.77 0.00	88.08 0.96 0.00	67.55 1.46 0.00	86.85 2.06 0.00	78.18 3.05 0.00	67.45 3.57 0.00	82.78 4.05 0.00	83.77 3.63 0.00	91.06 3.40 0.00	69.24 1.53 0.00	79.76 0.80 0.00	63.62 0.15 0.00	51.43 0.86 0.00
NARROWS_GT2_8 24243	56.50 0.81 0.00	51.58 1.00 0.00	44.27 1.01 0.00	38.91 0.86 0.00	38.23 0.88 0.00	42.28 0.88 0.00	52.96 0.64 0.00	50.50 1.00 0.00	50.27 1.23 0.00	52.92 1.08 0.00	64.32 1.08 0.00	72.41 0.77 0.00	88.08 0.96 0.00	67.55 1.46 0.00	86.85 2.06 0.00	78.18 3.05 0.00	67.45 3.57 0.00	82.78 4.05 0.00	83.77 3.63 0.00	91.06 3.40 0.00	69.24 1.53 0.00	79.76 0.80 0.00	63.62 0.15 0.00	51.43 0.86 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	57.63 1.94 0.00	52.48 1.90 0.00	45.01 1.75 0.00	39.58 1.53 0.00	38.84 1.50 0.00	43.06 1.65 0.00	54.26 1.95 0.00	51.14 1.64 0.00	50.11 1.07 0.00	52.43 0.60 0.00	63.94 0.70 0.00	71.86 0.22 0.00	87.52 0.39 0.00	66.04 -0.04 0.00	84.91 0.12 0.00	75.79 0.66 0.00	64.67 0.79 0.00	79.96 1.23 0.00	82.16 2.02 0.00	90.28 2.62 0.00	69.50 1.79 0.00	80.73 1.76 0.00	64.37 0.90 0.00	51.19 0.61 0.00
NCHELSEA_115KV_TR2 355582	57.06 1.37 0.00	51.98 1.40 0.00	44.47 1.21 0.00	39.09 1.05 0.00	38.40 1.05 0.00	42.48 1.07 0.00	53.44 1.12 0.00	50.69 1.19 0.00	50.29 1.25 0.00	52.95 1.12 0.00	64.53 1.30 0.00	72.66 1.02 0.00	88.41 1.28 0.00	67.67 1.58 0.00	87.16 2.37 0.00	78.23 3.10 0.00	67.31 3.42 0.00	82.89 4.15 0.00	84.07 3.93 0.00	91.26 3.61 0.00	69.71 2.00 0.00	80.40 1.43 0.00	64.07 0.61 0.00	51.44 0.86 0.00
NEG CAPITAL____MECHNVIL 23645	58.07 2.38 0.00	52.79 2.21 0.00	45.25 1.99 0.00	39.79 1.75 0.00	39.06 1.72 0.00	43.27 1.87 0.00	54.54 2.22 0.00	51.49 1.99 0.00	50.77 1.72 0.00	53.35 1.51 0.00	64.96 1.73 0.00	73.41 1.77 0.00	89.59 2.47 0.00	68.27 2.19 0.00	87.88 3.10 0.00	78.44 3.31 0.00	67.04 3.16 0.00	83.17 4.44 0.00	85.01 4.87 0.00	93.01 5.36 0.00	71.39 3.68 0.00	82.93 3.96 0.00	66.14 2.68 0.00	52.58 2.01 0.00
NEG CENTRAL_HIGH_ACRES 23767	55.57 -0.11 0.00	49.92 -0.66 0.00	42.14 -1.12 0.00	36.92 -1.13 0.00	36.21 -1.13 0.00	40.36 -1.05 0.00	51.37 -0.95 0.00	48.83 -0.67 0.00	49.01 -0.03 0.00	52.54 0.71 0.00	64.48 1.25 0.00	74.29 2.65 0.00	89.43 3.77 1.46	36.56 2.56 32.08	68.36 3.18 19.61	75.82 3.08 2.40	65.74 1.86 0.00	81.06 2.32 0.00	83.41 3.27 0.00	92.50 4.85 0.00	71.14 3.43 0.00	81.88 2.91 0.00	65.71 2.24 0.00	51.96 1.39 0.00

NEG CENTRAL___DRP 24199	56.16 0.47 0.00	50.64 0.06 0.00	42.97 -0.29 0.00	37.71 -0.34 0.00	37.04 -0.30 0.00	41.19 -0.22 0.00	52.34 -0.09 -0.12	49.64 0.14 0.00	49.29 0.25 0.00	52.43 0.59 0.00	64.16 0.92 0.00	73.42 1.78 0.00	89.05 2.43 0.51	56.89 1.96 11.15	80.41 2.43 6.81	76.75 2.46 0.83	65.77 1.89 0.00	81.30 2.56 0.00	84.27 3.56 -0.58	97.27 5.25 -4.37	74.89 3.69 -3.49	86.38 3.07 -4.34	66.30 2.33 -0.51	52.04 1.46 0.00
NEG CENTRAL___INDECK 23768	56.56 0.87 0.00	50.54 -0.04 0.00	42.46 -0.79 0.00	37.23 -0.82 0.00	36.53 -0.81 0.00	40.78 -0.63 0.00	52.24 -0.08 0.00	49.60 0.10 0.00	49.41 0.37 0.00	52.81 0.97 0.00	64.80 1.56 0.00	74.08 2.44 0.00	90.42 2.26 -1.04	89.17 0.16 -22.93	98.94 0.14 -14.02	77.47 0.62 -1.71	64.08 0.19 0.00	79.07 0.33 0.00	81.56 1.42 0.00	91.96 4.30 0.00	71.65 3.93 0.00	81.69 2.72 0.00	68.36 4.90 0.00	53.57 3.00 0.00
NEG CENTRAL___SENECA 23627	56.34 0.64 0.00	50.74 0.16 0.00	42.98 -0.28 0.00	37.75 -0.29 0.00	37.07 -0.27 0.00	41.24 -0.16 0.00	52.40 0.02 -0.07	49.81 0.31 0.00	49.53 0.49 0.00	52.82 0.98 0.00	64.64 1.40 0.00	74.16 2.52 0.00	89.58 3.32 0.86	49.72 2.59 18.95	76.46 3.25 11.58	76.93 3.22 1.42	66.31 2.43 0.00	82.03 3.30 0.00	84.94 4.48 -0.32	96.52 6.44 -2.42	74.14 4.49 -1.93	85.08 3.70 -2.41	66.78 3.03 -0.28	52.50 1.92 0.00
NEG CENTRAL___STATE_STREET 24147	56.26 0.57 0.00	50.85 0.26 0.00	43.23 -0.03 0.00	37.86 -0.18 0.00	37.27 -0.07 0.00	41.43 0.03 0.00	52.65 0.17 -0.16	49.76 0.26 0.00	49.31 0.27 0.00	52.26 0.43 0.00	63.95 0.71 0.00	72.88 1.25 0.00	88.61 1.49 0.00	67.48 1.40 0.00	86.30 1.51 0.00	76.71 1.58 0.00	65.21 1.32 0.00	80.59 1.85 0.00	83.59 2.69 -0.76	97.74 4.35 -5.74	75.36 3.07 -4.58	87.40 2.73 -5.71	65.97 1.83 -0.67	51.70 1.12 0.00
NEG MILLWOOD___DRP 24198	57.10 1.41 0.00	52.02 1.44 0.00	44.50 1.25 0.00	39.12 1.07 0.00	38.42 1.08 0.00	42.51 1.11 0.00	53.47 1.16 0.00	50.78 1.28 0.00	50.45 1.41 0.00	53.19 1.36 0.00	64.97 1.74 0.00	73.25 1.61 0.00	89.17 2.05 0.00	68.28 2.19 0.00	87.95 3.17 0.00	79.02 3.89 0.00	68.02 4.14 0.00	83.75 5.01 0.00	84.88 4.75 0.00	92.21 4.56 0.00	70.36 2.65 0.00	81.09 2.13 0.00	64.56 1.10 0.00	51.78 1.20 0.00
NEG NORTH_FLCN_SEA 23793	57.47 0.74 -1.03	51.39 0.81 0.00	43.84 0.58 0.00	38.60 0.56 0.00	37.86 0.52 0.00	41.92 0.51 0.00	52.97 0.65 0.00	50.37 0.88 0.00	49.74 0.70 0.00	52.71 0.88 0.00	64.23 0.99 0.00	72.84 1.20 0.00	88.70 1.58 0.00	66.76 0.68 0.00	85.74 0.95 0.00	75.06 -0.07 0.00	63.83 -0.05 0.00	78.66 -0.07 0.00	79.93 -0.21 0.00	87.47 -0.19 0.00	67.92 0.21 0.00	79.61 0.64 0.00	48.07 0.55 15.95	50.49 0.23 0.32
NEG NORTH_KES_CHATEGAY 23792	58.63 0.76 -2.18	51.20 0.62 0.00	43.72 0.46 0.00	38.48 0.43 0.00	37.70 0.36 0.00	41.80 0.39 0.00	52.92 0.60 0.00	50.30 0.80 0.00	49.82 0.78 0.00	52.82 0.98 0.00	64.36 1.13 0.00	72.89 1.25 0.00	88.54 1.42 0.00	66.78 0.70 0.00	85.54 0.75 0.00	75.07 -0.07 0.00	63.61 -0.28 0.00	78.36 -0.37 0.00	79.57 -0.57 0.00	87.16 -0.50 0.00	67.83 0.12 0.00	79.48 0.52 0.00	41.73 0.68 22.41	52.22 0.41 -1.24
NEG NORTH___ALICE_FALLS 23915	58.12 1.21 -1.22	51.70 1.12 0.00	44.09 0.83 0.00	38.81 0.77 0.00	38.06 0.71 0.00	42.15 0.74 0.00	53.30 0.99 0.00	50.69 1.19 0.00	50.08 1.04 0.00	53.04 1.21 0.00	64.65 1.41 0.00	73.33 1.69 0.00	89.27 2.15 0.00	67.21 1.12 0.00	86.29 1.50 0.00	75.60 0.47 0.00	64.27 0.38 0.00	79.23 0.50 0.00	80.69 0.55 0.00	88.46 0.81 0.00	68.79 1.08 0.00	80.46 1.49 0.00	47.77 1.28 16.97	51.27 0.77 0.07
NEG NORTH___LWR_SARANAC 23913	58.12 1.21 -1.22	51.70 1.12 0.00	44.09 0.83 0.00	38.81 0.77 0.00	38.06 0.71 0.00	42.15 0.74 0.00	53.30 0.99 0.00	50.69 1.19 0.00	50.08 1.04 0.00	53.04 1.21 0.00	64.65 1.41 0.00	73.33 1.69 0.00	89.27 2.15 0.00	67.21 1.12 0.00	86.29 1.50 0.00	75.60 0.47 0.00	64.27 0.38 0.00	79.23 0.50 0.00	80.69 0.55 0.00	88.46 0.81 0.00	68.79 1.08 0.00	80.46 1.49 0.00	47.77 1.28 16.97	51.27 0.77 0.07
NEG NORTH___PLATTSBURG 23628	58.12 1.21 -1.22	51.70 1.12 0.00	44.09 0.83 0.00	38.81 0.77 0.00	38.05 0.71 0.00	42.15 0.74 0.00	53.31 0.99 0.00	50.69 1.19 0.00	50.08 1.04 0.00	53.04 1.20 0.00	64.65 1.41 0.00	73.32 1.68 0.00	89.27 2.15 0.00	67.21 1.12 0.00	86.29 1.50 0.00	75.60 0.47 0.00	64.27 0.39 0.00	79.23 0.50 0.00	80.69 0.55 0.00	88.46 0.81 0.00	68.79 1.08 0.00	80.46 1.49 0.00	47.76 1.27 16.97	51.27 0.77 0.07
NEG WEST_LEA_LOCKPORT 23791	56.02 0.33 0.00	49.91 -0.67 0.00	41.65 -1.60 0.00	36.44 -1.61 0.00	35.73 -1.61 0.00	39.94 -1.46 0.00	51.22 -1.10 0.00	48.68 -0.82 0.00	49.43 0.39 0.00	53.61 1.78 0.00	65.73 2.49 0.00	76.41 4.77 0.00	94.37 6.21 -1.04	92.39 3.40 -22.91	102.75 3.96 -14.00	80.55 3.71 -1.71	65.41 1.52 0.00	80.43 1.69 0.00	82.93 2.79 0.00	93.10 5.45 0.00	72.03 4.32 0.00	82.55 3.58 0.00	67.09 3.63 0.00	53.38 2.81 0.00
NEG WEST___LANCASTER 23811	56.07 0.38 0.00	50.08 -0.51 0.00	41.88 -1.38 0.00	36.69 -1.35 0.00	36.00 -1.34 0.00	40.17 -1.23 0.00	51.42 -0.90 0.00	49.03 -0.48 0.00	49.70 0.66 0.00	53.77 1.94 0.00	66.02 2.78 0.00	76.53 4.89 0.00	94.12 6.27 -0.73	86.16 3.91 -16.17	99.43 4.76 -9.88	80.74 4.40 -1.21	66.48 2.59 0.00	81.83 3.10 0.00	84.24 4.10 0.00	94.29 6.63 0.00	72.55 4.83 0.00	83.03 4.06 0.00	67.20 3.73 0.00	53.10 2.52 0.00
NEG_PENN_ALLEGHNY 23528	55.87 0.18 0.00	50.66 0.08 0.00	43.07 -0.19 0.00	37.87 -0.17 0.00	37.21 -0.13 0.00	41.29 -0.12 0.00	52.37 -0.03 -0.07	49.55 0.05 0.00	49.28 0.24 0.00	52.33 0.49 0.00	63.93 0.70 0.00	72.87 1.23 0.00	88.77 1.65 0.00	67.31 1.23 0.00	86.50 1.71 0.00	76.91 1.78 0.00	65.54 1.65 0.00	80.80 2.06 0.00	83.07 2.57 -0.36	93.98 3.61 -2.72	72.12 2.24 -2.17	83.44 1.77 -2.70	65.07 1.29 -0.32	51.31 0.73 0.00
NEG___GEN_MONROE 24207	57.40 1.71 0.00	51.35 0.77 0.00	43.15 -0.11 0.00	37.79 -0.26 0.00	37.06 -0.29 0.00	41.32 -0.08 0.00	52.74 0.42 0.00	50.17 0.66 0.00	50.45 1.41 0.00	54.20 2.36 0.00	66.43 3.19 0.00	76.69 5.05 0.00	95.90 6.76 -2.02	115.15 4.73 -44.34	117.76 5.87 -27.10	83.87 5.43 -3.31	67.44 3.56 0.00	83.16 4.42 0.00	85.78 5.64 0.00	95.57 7.92 0.00	73.84 6.13 0.00	84.69 5.72 0.00	68.27 4.80 0.00	54.15 3.58 0.00
NEPA___ENERGY 23901	55.74 0.05 0.00	49.89 -0.69 0.00	41.67 -1.58 0.00	36.56 -1.48 0.00	35.97 -1.38 0.00	40.06 -1.34 0.00	51.27 -1.05 0.00	48.96 -0.54 0.00	49.46 0.42 0.00	53.41 1.58 0.00	65.65 2.41 0.00	76.06 4.42 0.00	93.35 5.51 -0.71	85.21 3.46 -15.67	98.76 4.39 -9.58	80.23 3.93 -1.17	66.46 2.57 0.00	81.52 2.78 0.00	83.92 3.78 0.00	94.11 6.45 0.00	72.02 4.31 0.00	82.45 3.48 0.00	66.85 3.39 0.00	52.70 2.13 0.00

NEVERSINK___HYD 23608	56.23 0.54 0.00	51.16 0.58 0.00	43.70 0.45 0.00	38.42 0.38 0.00	37.73 0.39 0.00	41.74 0.34 0.00	52.59 0.27 0.00	49.85 0.34 0.00	49.44 0.39 0.00	52.15 0.32 0.00	63.67 0.43 0.00	71.80 0.16 0.00	87.35 0.22 0.00	66.42 0.34 0.00	83.45 -1.33 0.00	74.90 -0.23 0.00	64.61 0.72 0.00	79.84 1.11 0.00	81.29 1.16 0.00	88.85 1.20 0.00	69.68 1.97 0.00	80.40 1.43 0.00	64.04 0.57 0.00	51.16 0.59 0.00
NEWKRMKL_115KV_TB1 55635	56.85 1.17 0.00	51.84 1.26 0.00	44.48 1.22 0.00	39.14 1.10 0.00	38.43 1.08 0.00	42.54 1.14 0.00	53.55 1.24 0.00	50.53 1.03 0.00	49.84 0.80 0.00	52.45 0.62 0.00	63.86 0.63 0.00	72.01 0.38 0.00	87.64 0.52 0.00	65.99 -0.09 0.00	84.79 0.00 0.00	75.70 0.57 0.00	64.50 0.61 0.00	79.26 0.52 0.00	80.73 0.59 0.00	88.01 0.36 0.00	67.66 -0.05 0.00	78.68 -0.28 0.00	62.90 -0.56 0.00	50.23 -0.35 0.00
NEWTON___FALLS_HYD 23847	67.31 1.79 -9.83	51.68 1.10 0.00	44.02 0.76 0.00	38.67 0.62 0.00	38.09 0.74 0.00	42.56 1.15 0.00	54.34 1.97 -0.06	51.44 1.94 0.00	50.88 1.84 0.00	53.76 1.93 0.00	65.66 2.42 0.00	74.21 2.57 0.00	90.18 3.06 0.00	67.69 1.60 0.00	85.70 0.91 0.00	75.16 0.03 0.00	63.62 -0.26 0.00	78.78 0.04 0.00	81.12 0.70 -0.28	91.80 2.02 -2.12	71.41 2.01 -1.69	83.73 2.65 -2.11	185.05 3.28 -118.30	95.83 1.97 -43.28
NGRID_A1_DSASP 323792	55.96 0.27 0.00	49.87 -0.71 0.00	41.64 -1.61 0.00	36.43 -1.62 0.00	35.69 -1.65 0.00	39.89 -1.51 0.00	51.16 -1.16 0.00	48.69 -0.81 0.00	49.38 0.34 0.00	53.53 1.70 0.00	65.72 2.48 0.00	76.45 4.81 -0.83	94.11 6.16 -18.25	87.23 2.90 -11.15	99.15 3.21 -1.36	79.86 3.36 0.00	65.04 1.15 0.00	79.46 0.72 0.00	81.79 1.65 0.00	91.72 4.07 0.00	71.02 3.31 0.00	81.60 2.64 0.00	66.57 3.10 0.00	52.96 2.39 0.00
NGRID_A2_DSASP 323793	55.96 0.27 0.00	49.87 -0.71 0.00	41.64 -1.61 0.00	36.43 -1.62 0.00	35.69 -1.65 0.00	39.89 -1.51 0.00	51.16 -1.16 0.00	48.69 -0.81 0.00	49.38 0.34 0.00	53.53 1.70 0.00	65.72 2.48 0.00	76.45 4.81 0.00	94.11 6.16 -0.83	87.23 2.90 -18.25	99.15 3.21 -11.15	79.86 3.36 -1.36	65.04 1.15 0.00	79.46 0.72 0.00	81.79 1.65 0.00	91.72 4.07 0.00	71.02 3.31 0.00	81.60 2.64 0.00	66.57 3.10 0.00	52.96 2.39 0.00
NGRID_A4_DSASP 323807	55.96 0.27 0.00	49.87 -0.71 0.00	41.64 -1.61 0.00	36.43 -1.62 0.00	35.69 -1.65 0.00	39.89 -1.51 0.00	51.16 -1.16 0.00	48.69 -0.81 0.00	49.38 0.34 0.00	53.53 1.70 0.00	65.72 2.48 0.00	76.45 4.81 -0.83	94.11 6.16 -18.25	87.23 2.90 -11.15	99.15 3.21 -1.36	79.86 3.36 -1.36	65.04 1.15 0.00	79.46 0.72 0.00	81.79 1.65 0.00	91.72 4.07 0.00	71.02 3.31 0.00	81.60 2.64 0.00	66.57 3.10 0.00	52.96 2.39 0.00
NIAGARA_115E_LBMP 323715	55.67 -0.02 0.00	49.61 -0.97 0.00	41.40 -1.85 0.00	36.22 -1.82 0.00	35.53 -1.81 0.00	39.72 -1.69 0.00	50.92 -1.40 0.00	48.29 -1.21 0.00	49.06 0.02 0.00	53.25 1.42 0.00	65.32 2.08 0.00	75.94 4.30 0.00	93.69 5.64 -0.93	89.38 2.91 -20.39	100.56 3.31 -12.46	79.75 3.10 -1.52	64.82 0.94 0.00	79.75 1.02 0.00	82.15 2.01 0.00	92.16 4.50 0.00	71.37 3.66 0.00	81.89 2.92 0.00	66.63 3.17 0.00	53.09 2.52 0.00
NIAGARA_115W_LBMP 323714	55.86 0.17 0.00	49.78 -0.80 0.00	41.57 -1.69 0.00	36.37 -1.68 0.00	35.64 -1.70 0.00	39.83 -1.58 0.00	51.07 -1.25 0.00	48.62 -0.88 0.00	49.27 0.22 0.00	53.41 1.57 0.00	65.54 2.30 0.00	76.26 4.62 0.00	93.89 5.94 -0.83	86.92 2.69 -18.15	98.79 2.91 -11.10	79.64 3.15 -1.36	64.87 0.98 0.00	79.22 0.49 0.00	81.54 1.40 0.00	91.43 3.77 0.00	70.82 3.11 0.00	81.37 2.40 0.00	66.39 2.92 0.00	52.86 2.28 0.00
NIAGARA_230_LBMP 323716	55.82 0.13 0.00	49.81 -0.77 0.00	41.61 -1.65 0.00	36.42 -1.63 0.00	35.70 -1.65 0.00	39.89 -1.51 0.00	51.11 -1.21 0.00	48.63 -0.87 0.00	49.39 0.35 0.00	53.56 1.73 0.00	65.74 2.50 0.00	76.42 4.79 0.00	94.01 6.10 -0.79	86.88 3.44 -17.36	99.37 3.96 -10.61	80.06 3.63 -1.30	65.32 1.44 0.00	80.14 1.41 0.00	82.53 2.40 0.00	92.52 4.87 0.00	71.54 3.83 0.00	82.20 3.23 0.00	66.79 3.33 0.00	53.02 2.45 0.00
NIAGARA___115KV_198_GIBSON 55903	55.86 0.17 0.00	49.78 -0.80 0.00	41.57 -1.69 0.00	36.37 -1.68 0.00	35.64 -1.70 0.00	39.83 -1.58 0.00	51.07 -1.25 0.00	48.61 -0.89 0.00	49.27 0.22 0.00	53.41 1.57 0.00	65.54 2.30 0.00	76.26 4.62 0.00	93.88 5.93 -0.83	86.90 2.67 -18.15	98.80 2.92 -11.10	79.63 3.15 -1.36	64.87 0.98 0.00	79.22 0.49 0.00	81.52 1.38 0.00	91.41 3.75 0.00	70.81 3.10 0.00	81.36 2.39 0.00	66.37 2.91 0.00	52.86 2.28 0.00
NIAGARA____ 23760	55.82 0.13 0.00	49.81 -0.77 0.00	41.61 -1.65 0.00	36.42 -1.63 0.00	35.70 -1.65 0.00	39.89 -1.51 0.00	51.11 -1.21 0.00	48.63 -0.87 0.00	49.39 0.35 0.00	53.56 1.73 0.00	65.74 2.50 0.00	76.42 4.79 0.00	94.07 6.10 -0.85	88.16 3.44 -18.64	100.11 3.96 -11.36	80.15 3.63 -1.39	65.32 1.44 0.00	80.14 1.41 0.00	82.53 2.40 0.00	92.52 4.87 0.00	71.54 3.83 0.00	82.20 3.23 0.00	66.79 3.33 0.00	53.02 2.45 0.00
NINE_MILE_1 23575	54.07 -1.62 0.00	48.98 -1.60 0.00	41.78 -1.48 0.00	36.73 -1.32 0.00	36.04 -1.31 0.00	39.98 -1.42 0.00	49.54 -1.73 1.05	47.91 -1.58 0.00	47.60 -1.44 0.00	50.40 -1.44 0.00	61.60 -1.63 0.00	70.01 -1.63 0.00	85.25 -1.87 0.00	64.66 -1.43 0.00	82.98 -1.80 0.00	73.67 -1.46 0.00	62.58 -1.30 0.00	77.20 -1.54 0.00	73.74 -1.27 5.14	47.88 -0.97 38.80	35.82 -0.92 30.97	38.91 -1.48 38.59	57.63 -1.31 4.52	49.43 -1.14 0.00
NINE_MILE_2 23744	54.07 -1.62 0.00	48.99 -1.60 0.00	41.78 -1.48 0.00	36.73 -1.32 0.00	36.04 -1.31 0.00	39.99 -1.42 0.00	49.52 -1.73 1.07	47.91 -1.58 0.00	47.60 -1.44 0.00	50.40 -1.44 0.00	61.60 -1.63 0.00	70.01 -1.63 0.00	85.25 -1.87 0.00	64.66 -1.43 0.00	82.98 -1.80 0.00	73.67 -1.46 0.00	62.58 -1.30 0.00	77.20 -1.54 0.00	73.66 -1.27 5.21	47.30 -0.97 39.38	35.35 -0.92 31.43	38.32 -1.48 39.17	57.56 -1.31 4.59	49.43 -1.14 0.00
NM_CAPITAL___DRP 24208	56.72 1.03 0.00	51.74 1.16 0.00	44.41 1.15 0.00	39.09 1.04 0.00	38.36 1.02 0.00	42.46 1.06 0.00	53.44 1.13 0.00	50.42 0.92 0.00	49.72 0.68 0.00	52.29 0.46 0.00	63.64 0.40 0.00	71.74 0.10 0.00	87.34 0.22 0.00	65.93 -0.15 0.00	84.68 -0.11 0.00	75.62 0.49 0.00	64.44 0.56 0.00	79.27 0.53 0.00	80.76 0.62 0.00	88.00 0.35 0.00	67.67 -0.04 0.00	78.74 -0.22 0.00	62.96 -0.50 0.00	50.30 -0.28 0.00
NM_CENTRAL___DRP 24181	55.18 -0.51 0.00	49.93 -0.65 0.00	42.52 -0.74 0.00	37.35 -0.69 0.00	36.66 -0.68 0.00	40.69 -0.71 0.00	51.63 -0.79 -0.10	48.83 -0.67 0.00	48.53 -0.51 0.00	51.46 -0.37 0.00	63.00 -0.24 0.00	71.71 0.07 0.00	87.44 0.31 0.00	66.31 0.22 0.00	85.15 0.37 0.00	75.72 0.59 0.00	64.35 0.46 0.00	79.40 0.67 0.00	81.75 1.12 -0.50	93.16 1.73 -3.77	71.79 1.07 -3.01	83.34 0.62 -3.75	67.35 0.22 -3.66	51.13 0.00 -0.55

NM_FRONTIER___DRP 24179	55.86 0.17 0.00	49.78 -0.80 0.00	41.57 -1.69 0.00	36.37 -1.68 0.00	35.64 -1.70 0.00	39.83 -1.58 0.00	51.07 -1.25 0.00	48.61 -0.89 0.00	49.27 0.22 0.00	53.41 1.57 0.00	65.54 2.30 0.00	76.26 4.62 0.00	93.88 5.93 -0.83	86.90 2.67 -18.15	98.80 2.92 -11.10	79.63 3.15 -1.36	64.87 0.98 0.00	79.22 0.49 0.00	81.52 1.38 0.00	91.41 3.75 0.00	70.81 3.10 0.00	81.36 2.39 0.00	66.37 2.91 0.00	52.86 2.28 0.00
NM_ST_REGIS___HYD 24053	70.18 1.88 -12.61	52.01 1.43 0.00	44.45 1.20 0.00	39.12 1.08 0.00	38.39 1.05 0.00	42.68 1.28 0.00	54.21 1.90 0.00	51.39 1.90 0.00	50.77 1.73 0.00	53.70 1.86 0.00	65.42 2.19 0.00	74.02 2.38 0.00	89.78 2.66 0.00	67.55 1.47 0.00	85.65 0.86 0.00	74.78 -0.35 0.00	63.05 -0.84 0.00	77.81 -0.92 0.00	79.33 -0.80 0.00	87.25 -0.41 0.00	68.04 0.33 0.00	80.11 1.14 0.00	250.84 2.27 -185.10	113.61 1.71 -61.32
NORTHPORT___1 23551	56.29 0.60 0.00	51.29 0.71 0.00	43.87 0.61 0.00	38.58 0.54 0.00	37.92 0.57 0.00	41.85 0.45 0.00	52.25 -0.06 0.00	49.42 -0.08 0.00	49.19 0.15 0.00	52.25 0.42 0.00	65.30 2.06 0.00	72.25 0.61 0.00	77.03 -1.36 8.74	65.72 -0.36 0.00	84.85 0.45 0.38	68.15 1.94 8.92	57.07 2.65 9.46	74.13 2.75 7.36	73.29 2.10 8.95	87.25 1.12 1.53	67.69 0.06 0.08	78.11 -0.86 0.00	62.12 -1.34 0.00	51.06 0.48 0.00
NORTHPORT___2 23552	56.29 0.60 0.00	51.29 0.71 0.00	43.87 0.61 0.00	38.58 0.54 0.00	37.92 0.57 0.00	41.85 0.45 0.00	52.25 -0.06 0.00	49.42 -0.08 0.00	49.19 0.15 0.00	52.25 0.42 0.00	65.30 2.06 0.00	72.25 0.61 0.00	77.03 -1.36 8.74	65.72 -0.36 0.00	84.85 0.45 0.38	68.15 1.94 8.92	57.07 2.65 9.46	74.13 2.75 7.36	73.29 2.10 8.95	87.25 1.12 1.53	67.69 0.06 0.08	78.11 -0.86 0.00	62.12 -1.34 0.00	51.06 0.48 0.00
NORTHPORT___3 23553	56.10 0.41 0.00	51.13 0.55 0.00	43.73 0.47 0.00	38.45 0.40 0.00	37.78 0.44 0.00	41.70 0.30 0.00	52.11 -0.20 0.00	49.25 -0.25 0.00	49.03 -0.02 0.00	52.00 0.17 0.00	64.98 1.75 0.00	71.92 0.28 0.00	76.59 -1.80 8.73	65.41 -0.67 0.01	84.35 -0.06 0.38	67.87 1.68 8.94	57.00 2.58 9.47	73.76 2.40 7.37	72.94 1.78 8.97	86.66 0.59 1.58	67.21 -0.41 0.09	77.59 -1.38 0.00	61.80 -1.67 0.00	50.82 0.25 0.00
NORTHPORT___4 23650	56.10 0.41 0.00	51.13 0.55 0.00	43.73 0.47 0.00	38.45 0.40 0.00	37.78 0.44 0.00	41.70 0.30 0.00	52.11 -0.20 0.00	49.25 -0.25 0.00	49.03 -0.02 0.00	52.00 0.17 0.00	64.98 1.75 0.00	71.92 0.28 0.00	76.59 -1.80 8.73	65.41 -0.67 0.01	84.35 -0.06 0.38	67.87 1.68 8.94	57.00 2.58 9.47	73.76 2.40 7.37	72.94 1.78 8.97	86.66 0.59 1.58	67.21 -0.41 0.09	77.59 -1.38 0.00	61.80 -1.67 0.00	50.82 0.25 0.00
NORTHPORT___IC 23718	56.30 0.60 0.00	51.29 0.71 0.00	43.87 0.61 0.00	38.59 0.54 0.00	37.90 0.56 0.00	41.85 0.45 0.00	52.25 -0.06 0.00	49.41 -0.08 0.00	49.19 0.15 0.00	52.25 0.42 0.00	65.30 2.06 0.00	72.23 0.59 0.00	77.03 -1.36 8.74	65.73 -0.35 0.00	84.86 0.45 0.38	68.16 1.96 8.92	57.07 2.65 9.46	74.12 2.75 7.36	73.34 2.15 8.95	87.35 1.22 1.53	67.70 0.08 0.08	78.11 -0.86 0.00	62.13 -1.33 0.00	51.06 0.48 0.00
NORTH___COUNTRY_ESR 323785	58.50 0.61 -2.20	51.06 0.48 0.00	43.62 0.36 0.00	38.38 0.33 0.00	37.62 0.27 0.00	41.70 0.29 0.00	52.79 0.48 0.00	50.20 0.70 0.00	49.81 0.77 0.00	52.82 0.98 0.00	64.35 1.12 0.00	72.89 1.25 0.00	88.53 1.41 0.00	66.75 0.67 0.00	85.54 0.75 0.00	75.06 -0.07 0.00	63.60 -0.28 0.00	78.33 -0.41 0.00	79.52 -0.61 0.00	86.93 -0.73 0.00	67.56 -0.15 0.00	79.22 0.25 0.00	41.35 0.45 22.56	52.12 0.27 -1.27
NPX_GEN_1385_PROXY 323591	56.47 0.77 0.00	51.32 0.87 0.13	44.10 0.84 0.00	38.77 0.73 0.00	38.12 0.77 0.00	41.40 0.79 0.80	51.68 0.21 0.85	49.85 0.35 0.00	49.36 0.32 0.00	52.24 0.41 0.00	64.99 1.76 0.00	71.62 -0.02 0.00	76.20 -2.19 8.74	65.78 -0.30 0.00	85.21 0.80 0.38	68.54 2.33 8.92	57.93 3.51 9.46	74.92 3.55 7.36	74.17 2.98 8.95	98.03 2.35 -8.03	79.37 1.41 -10.25	113.96 0.62 -34.37	62.35 -1.11 0.00	50.94 0.36 0.00
NPX_GEN_CSC 323557	55.92 0.23 0.00	50.76 0.31 0.13	43.54 0.28 0.00	38.30 0.25 0.00	37.65 0.31 0.00	40.60 -0.01 0.80	50.75 -0.71 0.85	48.86 -0.64 0.00	48.83 -0.21 0.00	52.12 0.29 0.00	65.67 2.43 0.00	72.99 1.36 0.00	86.84 0.35 0.63	67.10 1.02 0.00	91.45 2.34 -4.33	177.58 3.87 -98.57	206.50 4.28 -138.33	194.44 4.65 -111.06	167.98 4.02 -83.82	94.34 3.01 -3.67	59.10 1.33 9.94	79.57 0.60 0.00	63.04 -0.43 0.00	51.61 1.03 0.00
NSINS_S_GLNS_FALLS 23858	58.39 2.70 0.00	52.92 2.34 0.00	45.33 2.08 0.00	39.94 1.90 0.00	39.23 1.89 0.00	43.44 2.03 0.00	54.69 2.37 0.00	51.67 2.17 0.00	50.92 1.88 0.00	53.49 1.65 0.00	65.21 1.97 0.00	73.52 1.89 0.00	89.90 2.77 0.00	68.69 2.60 0.00	88.51 3.72 0.00	78.92 3.79 0.00	67.51 3.62 0.00	83.92 5.19 0.00	85.95 5.81 0.00	94.27 6.62 0.00	72.24 4.53 0.00	83.91 4.95 0.00	66.73 3.26 0.00	52.94 2.37 0.00
NUCOR_STEEL___DRP 24197	56.20 0.50 0.00	50.81 0.23 0.00	43.21 -0.04 0.00	37.83 -0.22 0.00	37.25 -0.10 0.00	41.41 0.00 0.00	52.62 0.14 -0.17	49.72 0.22 0.00	49.26 0.22 0.00	52.19 0.36 0.00	63.88 0.64 0.00	72.76 1.12 0.00	88.44 1.32 0.00	67.37 1.28 0.00	86.12 1.33 0.00	76.53 1.40 0.00	65.02 1.14 0.00	80.32 1.58 0.00	83.32 2.37 -0.81	97.69 3.91 -6.12	75.30 2.71 -4.89	87.51 2.45 -6.09	65.82 1.64 -0.71	51.59 1.01 0.00
NUMBER_THREE_WT_PWR 323818	61.37 1.43 -4.25	51.13 0.55 0.00	43.41 0.15 0.00	38.04 -0.01 0.00	37.62 0.28 0.00	42.24 0.84 0.00	54.15 1.76 -0.07	51.38 1.88 0.00	50.91 1.87 0.00	53.83 1.99 0.00	65.78 2.55 0.00	74.32 2.68 0.00	90.51 3.39 0.00	68.00 1.92 0.00	86.42 1.63 0.00	76.23 1.10 0.00	64.93 1.05 0.00	80.56 1.83 0.00	83.38 2.91 -0.34	95.03 4.82 -2.55	73.75 4.00 -2.04	85.92 4.41 -2.54	118.75 3.94 -51.34	71.21 1.92 -18.71
NYISO_LBMP_REFERENCE 24008	55.69 0.00 0.00	50.58 0.00 0.00	43.26 0.00 0.00	38.05 0.00 0.00	37.34 0.00 0.00	41.40 0.00 0.00	52.32 0.00 0.00	49.50 0.00 0.00	49.04 0.00 0.00	51.83 0.00 0.00	63.24 0.00 0.00	71.64 0.00 0.00	87.12 0.00 0.00	66.08 0.00 0.00	84.79 0.00 0.00	75.13 0.00 0.00	63.88 0.00 0.00	78.73 0.00 0.00	80.14 0.00 0.00	87.66 0.00 0.00	67.71 0.00 0.00	78.97 0.00 0.00	63.46 0.00 0.00	50.58 0.00 0.00
NYPA_BRENTWD____GT 24164	57.02 1.33 0.00	51.86 1.28 0.00	44.33 1.07 0.00	38.96 0.92 0.00	38.28 0.94 0.00	42.25 0.84 0.00	52.78 0.47 0.00	50.00 0.50 0.00	49.87 0.83 0.00	53.04 1.21 0.00	66.29 3.05 0.00	73.58 1.94 0.00	86.90 0.59 0.81	66.90 0.82 0.00	87.79 2.10 -0.90	99.30 3.69 -20.48	97.91 4.22 -29.80	107.62 4.42 -24.47	100.84 3.56 -17.14	90.19 2.62 0.08	69.03 1.40 0.08	79.77 0.80 0.00	63.54 0.08 0.00	52.01 1.44 0.00

NYPA_GOWANUS____GT5 24156	56.50 0.81 0.00	51.58 1.00 0.00	44.27 1.01 0.00	38.91 0.86 0.00	38.23 0.88 0.00	42.28 0.88 0.00	52.96 0.64 0.00	50.50 1.00 0.00	50.27 1.23 0.00	52.92 1.08 0.00	64.32 1.08 0.00	72.41 0.77 0.00	88.05 0.93 0.00	67.52 1.44 0.00	86.83 2.05 0.00	78.15 3.02 0.00	67.43 3.55 0.00	82.77 4.03 0.00	83.74 3.60 0.00	91.03 3.38 0.00	69.23 1.52 0.00	79.74 0.77 0.00	63.61 0.15 0.00	51.43 0.86 0.00
NYPA_GOWANUS____GT6 24157	56.50 0.81 0.00	51.58 1.00 0.00	44.27 1.01 0.00	38.91 0.86 0.00	38.23 0.88 0.00	42.28 0.88 0.00	52.96 0.64 0.00	50.50 1.00 0.00	50.27 1.23 0.00	52.92 1.08 0.00	64.32 1.08 0.00	72.41 0.77 0.00	88.05 0.93 0.00	67.52 1.44 0.00	86.83 2.05 0.00	78.15 3.02 0.00	67.43 3.55 0.00	82.77 4.03 0.00	83.74 3.60 0.00	91.03 3.38 0.00	69.23 1.52 0.00	79.74 0.77 0.00	63.61 0.15 0.00	51.43 0.86 0.00
NYPA_HARLEM__RVR__GT1 24160	56.49 0.80 0.00	51.55 0.97 0.00	44.20 0.95 0.00	38.88 0.84 0.00	38.18 0.84 0.00	42.18 0.77 0.00	53.00 0.68 0.00	50.51 1.01 0.00	50.26 1.23 0.00	52.89 1.06 0.00	64.23 1.00 0.00	72.23 0.60 0.00	87.83 0.71 0.00	67.38 1.30 0.00	86.55 1.76 0.00	77.73 2.60 0.00	67.02 3.14 0.00	82.32 3.58 0.00	83.18 3.05 0.00	90.39 2.74 0.00	68.81 1.10 0.00	79.33 0.37 0.00	63.24 -0.22 0.00	51.18 0.60 0.00
NYPA_HARLEM__RVR__GT2 24161	56.49 0.80 0.00	51.55 0.97 0.00	44.20 0.95 0.00	38.88 0.84 0.00	38.18 0.84 0.00	42.18 0.77 0.00	53.00 0.68 0.00	50.51 1.01 0.00	50.26 1.23 0.00	52.89 1.06 0.00	64.23 1.00 0.00	72.23 0.60 0.00	87.83 0.71 0.00	67.38 1.30 0.00	86.55 1.76 0.00	77.73 2.60 0.00	67.02 3.14 0.00	82.32 3.58 0.00	83.18 3.05 0.00	90.39 2.74 0.00	68.81 1.10 0.00	79.33 0.37 0.00	63.24 -0.22 0.00	51.18 0.60 0.00
NYPA_KENT____GT 24152	56.50 0.81 0.00	51.59 1.01 0.00	44.25 0.99 0.00	38.91 0.86 0.00	38.22 0.88 0.00	42.27 0.86 0.00	53.02 0.70 0.00	50.55 1.05 0.00	50.31 1.27 0.00	52.98 1.15 0.00	64.40 1.17 0.00	72.49 0.85 0.00	88.15 1.03 0.00	67.60 1.52 0.00	86.91 2.13 0.00	78.15 3.02 0.00	67.41 3.53 0.00	82.76 4.03 0.00	83.69 3.55 0.00	90.90 3.24 0.00	69.18 1.47 0.00	79.68 0.72 0.00	63.53 0.07 0.00	51.34 0.76 0.00
NYPA_POUCH1____GT 24155	54.12 0.50 2.07	51.35 0.77 0.00	44.11 0.85 0.00	38.78 0.74 0.00	38.09 0.75 0.00	42.13 0.72 0.00	52.62 0.38 0.08	48.79 0.75 1.46	49.63 0.97 0.38	50.68 0.79 1.94	51.93 0.72 12.03	60.79 0.34 11.18	84.41 0.45 3.16	55.93 1.10 11.25	75.29 1.57 11.06	74.48 2.65 3.30	62.68 3.26 4.46	81.55 3.63 0.82	83.42 3.28 0.00	90.72 3.06 0.00	68.70 1.23 0.25	78.96 0.46 0.47	63.18 -0.11 0.18	51.24 0.67 0.00
NYPA_VERNON____GT2 24162	56.50 0.81 0.00	51.58 1.00 0.00	44.24 0.99 0.00	38.90 0.85 0.00	38.20 0.86 0.00	42.26 0.86 0.00	53.07 0.75 0.00	50.59 1.09 0.00	50.34 1.30 0.00	53.04 1.20 0.00	64.50 1.26 0.00	72.55 0.91 0.00	88.21 1.09 0.00	67.64 1.56 0.00	86.97 2.19 0.00	78.19 3.06 0.00	67.45 3.56 0.00	82.82 4.08 0.00	83.71 3.56 0.00	90.84 3.18 0.00	69.17 1.46 0.00	79.66 0.70 0.00	63.49 0.02 0.00	51.25 0.67 0.00
NYPA_VERNON____GT3 24163	56.50 0.81 0.00	51.58 1.00 0.00	44.24 0.99 0.00	38.90 0.85 0.00	38.20 0.86 0.00	42.26 0.86 0.00	53.07 0.75 0.00	50.59 1.09 0.00	50.34 1.30 0.00	53.04 1.20 0.00	64.50 1.26 0.00	72.55 0.91 0.00	88.21 1.09 0.00	67.64 1.56 0.00	86.97 2.19 0.00	78.19 3.06 0.00	67.45 3.56 0.00	82.82 4.08 0.00	83.71 3.56 0.00	90.84 3.18 0.00	69.17 1.46 0.00	79.66 0.70 0.00	63.49 0.02 0.00	51.25 0.67 0.00
NYPA____ASTORIA_CC1 323568	56.43 0.74 0.00	51.53 0.95 0.00	44.15 0.90 0.00	38.82 0.78 0.00	38.13 0.78 0.00	42.17 0.77 0.00	52.95 0.64 0.00	50.48 0.99 0.00	50.23 1.19 0.00	52.91 1.07 0.00	64.28 1.04 0.00	72.29 0.66 0.00	87.94 0.82 0.00	67.44 1.36 0.00	86.72 1.93 0.00	77.95 2.82 0.00	67.25 3.37 0.00	82.56 3.82 0.00	83.44 3.30 0.00	90.56 2.90 0.00	68.95 1.24 0.00	79.43 0.46 0.00	63.29 -0.17 0.00	51.12 0.54 0.00
NYPA____ASTORIA_CC2 323569	56.43 0.74 0.00	51.53 0.95 0.00	44.15 0.90 0.00	38.82 0.78 0.00	38.13 0.78 0.00	42.17 0.77 0.00	52.95 0.64 0.00	50.48 0.99 0.00	50.23 1.19 0.00	52.91 1.07 0.00	64.28 1.04 0.00	72.29 0.66 0.00	87.94 0.82 0.00	67.44 1.36 0.00	86.72 1.93 0.00	77.95 2.82 0.00	67.25 3.37 0.00	82.56 3.82 0.00	83.44 3.30 0.00	90.56 2.90 0.00	68.95 1.24 0.00	79.43 0.46 0.00	63.29 -0.17 0.00	51.12 0.54 0.00
NYPA____HOLTSVILL 23794	56.30 0.61 0.00	51.26 0.68 0.00	43.84 0.59 0.00	38.55 0.50 0.00	37.89 0.55 0.00	41.73 0.33 0.00	52.05 -0.27 0.00	49.26 -0.24 0.00	49.17 0.13 0.00	52.36 0.52 0.00	65.68 2.45 0.00	72.96 1.32 0.00	86.63 0.10 0.60	66.86 0.78 0.00	91.00 1.97 -4.25	175.37 3.43 -96.80	204.67 3.91 -136.88	197.39 4.16 -114.50	168.14 3.58 -84.42	93.90 2.66 -3.59	68.73 1.10 0.09	79.27 0.31 0.00	62.98 -0.49 0.00	51.62 1.04 0.00
NYPA____HELLGATE_GT1 24158	56.49 0.80 0.00	51.55 0.97 0.00	44.20 0.95 0.00	38.88 0.84 0.00	38.18 0.84 0.00	42.18 0.77 0.00	53.00 0.68 0.00	50.51 1.01 0.00	50.26 1.23 0.00	52.89 1.06 0.00	64.25 1.01 0.00	72.24 0.60 0.00	87.83 0.71 0.00	67.38 1.30 0.00	86.55 1.76 0.00	77.73 2.60 0.00	67.02 3.14 0.00	82.32 3.58 0.00	83.18 3.05 0.00	90.39 2.74 0.00	68.81 1.10 0.00	79.33 0.37 0.00	63.24 -0.22 0.00	51.19 0.61 0.00
NYPA____HELLGATE_GT2 24159	56.49 0.80 0.00	51.55 0.97 0.00	44.20 0.95 0.00	38.88 0.84 0.00	38.18 0.84 0.00	42.18 0.77 0.00	53.00 0.68 0.00	50.51 1.01 0.00	50.26 1.23 0.00	52.89 1.06 0.00	64.25 1.01 0.00	72.24 0.60 0.00	87.83 0.71 0.00	67.38 1.30 0.00	86.55 1.76 0.00	77.73 2.60 0.00	67.02 3.14 0.00	82.32 3.58 0.00	83.18 3.05 0.00	90.39 2.74 0.00	68.81 1.10 0.00	79.33 0.37 0.00	63.24 -0.22 0.00	51.19 0.61 0.00
NYS_BARGE____HYD 23848	56.27 0.58 0.00	50.12 -0.46 0.00	41.83 -1.43 0.00	36.59 -1.45 0.00	35.88 -1.46 0.00	40.11 -1.29 0.00	51.43 -0.88 0.00	48.87 -0.63 0.00	49.61 0.58 0.00	53.80 1.97 0.00	65.96 2.72 0.00	76.65 5.01 0.00	94.76 6.55 -1.08	93.63 3.70 -23.86	103.71 4.34 -14.58	80.99 4.07 -1.78	65.69 1.81 0.00	80.86 2.13 0.00	83.39 3.26 0.00	93.60 5.95 0.00	72.40 4.69 0.00	82.97 4.00 0.00	67.41 3.94 0.00	53.64 3.06 0.00
OAK ORCHARD____HYD 24046	56.74 1.05 0.00	50.88 0.30 0.00	42.84 -0.41 0.00	37.54 -0.50 0.00	36.82 -0.53 0.00	41.04 -0.37 0.00	52.31 0.00 0.00	49.73 0.23 0.00	50.03 0.99 0.00	53.77 1.93 0.00	66.01 2.77 0.00	76.17 4.53 0.00	95.18 6.00 -2.06	115.48 4.12 -45.29	117.60 5.14 -27.69	83.28 4.77 -3.38	66.96 3.07 0.00	82.48 3.74 0.00	84.89 4.75 0.00	94.38 6.72 0.00	72.67 4.96 0.00	83.65 4.68 0.00	67.32 3.85 0.00	53.26 2.68 0.00

OAKDALE___35_KV_LOAD 356122	55.57 -0.12 0.00	50.43 -0.16 0.00	42.88 -0.38 0.00	37.71 -0.34 0.00	37.04 -0.30 0.00	41.10 -0.31 0.00	52.10 -0.29 -0.07	49.31 -0.19 0.00	49.03 -0.01 0.00	52.05 0.21 0.00	63.57 0.33 0.00	72.41 0.77 0.00	88.18 1.06 0.00	66.85 0.77 0.00	85.87 1.09 0.00	76.35 1.22 0.00	65.04 1.15 0.00	80.12 1.39 0.00	82.34 1.85 -0.35	93.11 2.80 -2.65	71.48 1.66 -2.11	82.78 1.18 -2.63	64.63 0.86 -0.31	51.01 0.43 0.00
OCC_CHEM___DRP 24175	55.95 0.26 0.00	49.87 -0.71 0.00	41.64 -1.61 0.00	36.43 -1.62 0.00	35.69 -1.65 0.00	39.89 -1.51 0.00	51.15 -1.16 0.00	48.69 -0.81 0.00	49.38 0.33 0.00	53.53 1.70 0.00	65.72 2.48 0.00	76.45 4.81 0.00	94.11 6.16 -0.83	87.22 2.89 -18.25	99.12 3.18 -11.15	79.84 3.35 -1.36	65.03 1.15 0.00	79.46 0.72 0.00	81.78 1.64 0.00	91.69 4.03 0.00	71.01 3.30 0.00	81.60 2.63 0.00	66.56 3.09 0.00	52.97 2.39 0.00
OH_GEN_PROXY 24063	55.78 0.09 0.00	49.67 -0.78 0.13	41.61 -1.65 0.00	36.43 -1.61 0.00	35.72 -1.62 0.00	39.10 -1.51 0.80	50.26 -1.21 0.85	48.64 -0.86 0.00	49.40 0.36 0.00	2.87 1.71 50.66	65.71 2.48 0.00	76.34 4.70 0.00	93.92 6.02 -0.77	86.39 3.42 -16.88	99.07 3.96 -10.32	80.02 3.63 -1.26	65.40 1.51 0.00	62.30 1.50 17.93	21.09 2.47 61.52	92.57 4.92 0.00	-28.63 3.82 100.16	82.19 3.23 0.00	66.74 3.28 0.00	52.93 2.36 0.00
OLIN_CORP_DRP 24177	55.75 0.05 0.00	49.69 -0.89 0.00	41.48 -1.77 0.00	36.29 -1.75 0.00	35.59 -1.75 0.00	39.78 -1.63 0.00	51.01 -1.31 0.00	48.39 -1.11 0.00	49.17 0.12 0.00	53.37 1.54 0.00	65.47 2.23 0.00	76.13 4.49 0.00	93.89 5.86 -0.90	88.99 3.08 -19.83	100.44 3.54 -12.12	79.92 3.31 -1.48	65.00 1.12 0.00	79.94 1.21 0.00	82.32 2.18 0.00	92.34 4.68 0.00	71.52 3.81 0.00	82.06 3.09 0.00	66.74 3.27 0.00	53.18 2.60 0.00
OLIN_CORP_DSASP 323712	55.96 0.27 0.00	49.87 -0.71 0.00	41.64 -1.61 0.00	36.43 -1.62 0.00	35.69 -1.65 0.00	39.89 -1.51 0.00	51.16 -1.16 0.00	48.69 -0.81 0.00	49.38 0.34 0.00	53.53 1.70 0.00	65.72 2.48 0.00	76.45 4.81 0.00	94.11 6.16 -0.83	87.23 2.90 -18.25	99.15 3.21 -11.15	79.86 3.36 -1.36	65.04 1.15 0.00	79.46 0.72 0.00	81.79 1.65 0.00	91.72 4.07 0.00	71.02 3.31 0.00	81.60 2.64 0.00	66.57 3.10 0.00	52.96 2.39 0.00
ONEIDA_HERK_LFGE 323681	59.02 1.39 -1.94	51.52 0.94 0.00	43.92 0.66 0.00	38.54 0.49 0.00	37.94 0.60 0.00	42.34 0.94 0.00	53.85 1.49 -0.04	51.00 1.50 0.00	50.45 1.41 0.00	53.27 1.44 0.00	64.99 1.75 0.00	73.57 1.93 0.00	89.64 2.52 0.00	67.79 1.71 0.00	86.73 1.94 0.00	76.84 1.71 0.00	65.53 1.64 0.00	81.15 2.42 0.00	83.50 3.17 -0.19	93.47 4.39 -1.42	72.20 3.36 -1.13	83.92 3.54 -1.41	89.76 2.79 -23.51	60.84 1.71 -8.56
ONEIDA___115KV_TB4 55905	57.99 1.48 -0.82	51.77 1.19 0.00	44.14 0.89 0.00	38.77 0.72 0.00	38.08 0.74 0.00	42.36 0.96 0.00	53.72 1.35 -0.06	50.79 1.29 0.00	50.16 1.12 0.00	52.89 1.06 0.00	64.30 1.06 0.00	72.71 1.07 0.00	88.68 1.55 0.00	67.38 1.29 0.00	86.59 1.80 0.00	76.92 1.79 0.00	65.65 1.77 0.00	81.27 2.54 0.00	83.62 3.21 -0.27	94.03 4.32 -2.05	72.50 3.15 -1.64	84.06 3.06 -2.04	75.72 2.17 -10.09	55.97 1.78 -3.61
ONONDAGA_REF_OCCRA 23987	55.58 -0.11 0.00	50.30 -0.28 0.00	42.83 -0.43 0.00	37.62 -0.43 0.00	36.92 -0.42 0.00	40.98 -0.42 0.00	52.01 -0.43 -0.12	49.16 -0.34 0.00	48.82 -0.22 0.00	51.73 -0.11 0.00	63.29 0.06 0.00	72.03 0.39 0.00	87.81 0.69 0.00	66.61 0.53 0.00	85.59 0.80 0.00	76.09 0.96 0.00	64.71 0.82 0.00	79.89 1.16 0.00	82.42 1.69 -0.60	94.60 2.44 -4.50	72.89 1.58 -3.60	84.63 1.19 -4.48	67.44 0.64 -3.34	51.37 0.31 -0.48
ONONDAGA___COGEN 23986	55.57 -0.12 0.00	50.27 -0.31 0.00	42.81 -0.44 0.00	37.60 -0.45 0.00	36.91 -0.43 0.00	40.98 -0.43 0.00	52.06 -0.44 -0.18	49.16 -0.34 0.00	48.75 -0.29 0.00	51.59 -0.24 0.00	63.29 0.06 0.00	71.95 0.31 0.00	87.47 0.35 0.00	66.29 0.21 0.00	85.12 0.33 0.00	75.58 0.45 0.00	64.21 0.33 0.00	79.34 0.60 0.00	82.14 1.10 -0.90	96.38 1.90 -6.83	74.36 1.20 -5.45	86.52 0.77 -6.79	67.23 0.30 -3.46	51.06 0.03 -0.46
ONTARIO___LFGE 23819	56.33 0.64 0.00	50.74 0.16 0.00	42.99 -0.27 0.00	37.75 -0.29 0.00	37.07 -0.27 0.00	41.25 -0.16 0.00	52.40 0.02 -0.07	49.81 0.32 0.00	49.53 0.49 0.00	52.82 0.98 0.00	64.64 1.40 0.00	74.17 2.53 0.00	89.58 3.32 0.86	49.73 2.59 18.95	76.46 3.25 11.58	76.93 3.22 1.42	66.32 2.44 0.00	82.03 3.30 0.00	84.94 4.48 -0.32	96.54 6.46 -2.42	74.14 4.49 -1.93	85.07 3.69 -2.41	66.79 3.04 -0.28	52.50 1.92 0.00
ORANGEVILLE_WT_PWR 323706	55.57 -0.12 0.00	49.57 -1.01 0.00	41.52 -1.74 0.00	36.37 -1.68 0.00	35.74 -1.60 0.00	39.88 -1.53 0.00	51.12 -1.20 0.00	48.63 -0.87 0.00	49.13 0.08 0.00	53.06 1.23 0.00	65.13 1.90 0.00	75.40 3.76 0.00	92.62 4.84 -0.67	83.60 2.86 -14.66	97.20 3.45 -8.96	79.48 3.26 -1.10	65.62 1.73 0.00	80.79 2.05 0.00	83.50 3.36 0.00	93.93 6.27 0.00	72.44 4.73 0.00	82.82 3.86 0.00	67.04 3.57 0.00	52.98 2.40 0.00
ORANGEVILLE___ESR 323794	55.57 -0.12 0.00	49.57 -1.01 0.00	41.52 -1.74 0.00	36.37 -1.68 0.00	35.74 -1.60 0.00	39.88 -1.53 0.00	51.12 -1.20 0.00	48.63 -0.87 0.00	49.13 0.08 0.00	53.06 1.23 0.00	65.13 1.90 0.00	75.40 3.76 0.00	92.62 4.84 -0.67	83.60 2.86 -14.66	97.20 3.45 -8.96	79.48 3.26 -1.10	65.62 1.73 0.00	80.79 2.05 0.00	83.50 3.36 0.00	93.93 6.27 0.00	72.44 4.73 0.00	82.82 3.86 0.00	67.04 3.57 0.00	52.98 2.40 0.00
OSWEGATCHIE___HYD 24044	67.31 1.79 -9.83	51.68 1.10 0.00	44.02 0.76 0.00	38.66 0.62 0.00	38.09 0.74 0.00	42.56 1.15 0.00	54.34 1.97 -0.06	51.44 1.94 0.00	50.89 1.84 0.00	53.76 1.93 0.00	65.66 2.42 0.00	74.20 2.56 0.00	90.18 3.06 0.00	67.68 1.60 0.00	85.70 0.91 0.00	75.16 0.03 0.00	63.62 -0.26 0.00	78.78 0.04 0.00	81.12 0.70 -0.28	91.79 2.02 -2.12	71.41 2.01 -1.69	83.73 2.65 -2.11	185.04 3.28 -118.30	95.83 1.97 -43.28
OSWEGO___5 23606	54.53 -1.16 0.00	49.38 -1.20 0.00	42.10 -1.16 0.00	37.01 -1.04 0.00	36.32 -1.02 0.00	40.30 -1.11 0.00	51.79 -1.31 -0.79	48.31 -1.19 0.00	47.99 -1.05 0.00	50.81 -1.03 0.00	62.10 -1.14 0.00	70.59 -1.04 0.00	85.97 -1.15 0.00	65.20 -0.88 0.00	83.68 -1.10 0.00	74.30 -0.83 0.00	63.13 -0.76 0.00	77.85 -0.88 0.00	83.42 -0.55 -3.83	116.40 -0.17 -28.92	90.50 -0.30 -23.08	106.95 -0.78 -28.76	66.08 -0.76 -3.37	49.85 -0.73 0.00
OSWEGO___6 23613	54.53 -1.16 0.00	49.38 -1.20 0.00	42.10 -1.16 0.00	37.01 -1.04 0.00	36.32 -1.02 0.00	40.30 -1.11 0.00	51.79 -1.31 -0.79	48.31 -1.19 0.00	47.99 -1.05 0.00	50.81 -1.03 0.00	62.10 -1.14 0.00	70.59 -1.04 0.00	85.97 -1.15 0.00	65.20 -0.88 0.00	83.68 -1.10 0.00	74.30 -0.83 0.00	63.13 -0.76 0.00	77.85 -0.88 0.00	83.42 -0.55 -3.83	116.40 -0.17 -28.92	90.50 -0.30 -23.08	106.95 -0.78 -28.76	66.08 -0.76 -3.37	49.85 -0.73 0.00

OUTOKUMPU-AB___DRP 24206	57.04 1.35 0.00	50.78 0.20 0.00	42.37 -0.88 0.00	37.06 -0.98 0.00	36.34 -1.00 0.00	40.63 -0.78 0.00	52.08 -0.24 0.00	49.59 0.09 0.00	50.37 1.33 0.00	54.65 2.82 0.00	67.07 3.83 0.00	77.98 6.35 0.00	96.21 8.19 -0.89	90.61 4.85 -19.68	102.60 5.78 -12.03	82.08 5.48 -1.47	66.93 3.04 0.00	82.21 3.47 0.00	84.69 4.55 0.00	94.90 7.24 0.00	73.32 5.61 0.00	83.99 5.02 0.00	68.25 4.78 0.00	54.16 3.59 0.00
OXBOW___BTM 323836	56.54 0.85 0.00	50.35 -0.23 0.00	42.02 -1.24 0.00	36.75 -1.29 0.00	36.02 -1.32 0.00	40.26 -1.14 0.00	51.63 -0.69 0.00	49.16 -0.34 0.00	49.90 0.85 0.00	54.15 2.32 0.00	66.49 3.26 0.00	77.34 5.70 0.00	95.35 7.37 -0.86	89.10 4.04 -18.97	100.78 4.39 -11.60	80.88 4.33 -1.42	65.91 2.02 0.00	80.76 2.03 0.00	83.18 3.04 0.00	93.25 5.59 0.00	72.09 4.38 0.00	82.81 3.84 0.00	67.53 4.06 0.00	53.64 3.07 0.00
OXBOW___ 24026	56.54 0.85 0.00	50.35 -0.23 0.00	42.02 -1.24 0.00	36.75 -1.30 0.00	36.02 -1.32 0.00	40.26 -1.15 0.00	51.63 -0.69 0.00	49.16 -0.34 0.00	49.90 0.86 0.00	54.15 2.32 0.00	66.50 3.26 0.00	77.34 5.70 0.00	95.35 7.37 -0.86	89.09 4.03 -18.97	100.76 4.38 -11.60	80.87 4.32 -1.42	65.91 2.02 0.00	80.76 2.02 0.00	83.15 3.01 0.00	93.21 5.55 0.00	72.06 4.35 0.00	82.80 3.83 0.00	67.52 4.05 0.00	53.65 3.07 0.00
OXY_CHEM_DSASP 323612	55.95 0.26 0.00	49.87 -0.71 0.00	41.64 -1.61 0.00	36.43 -1.62 0.00	35.69 -1.65 0.00	39.89 -1.51 0.00	51.15 -1.16 0.00	48.69 -0.81 0.00	49.38 0.33 0.00	53.53 1.70 0.00	65.72 2.48 0.00	76.45 4.81 0.00	94.11 6.16 -0.83	87.22 2.89 -18.25	99.12 3.18 -11.15	79.84 3.35 -1.36	65.03 1.15 0.00	79.46 0.72 0.00	81.78 1.64 0.00	91.69 4.03 0.00	71.01 3.30 0.00	81.60 2.63 0.00	66.56 3.09 0.00	52.97 2.39 0.00
OZONE_PARK_ESR 323760	57.23 1.54 0.00	52.20 1.62 0.00	44.66 1.40 0.00	39.26 1.21 0.00	38.56 1.22 0.00	42.68 1.28 0.00	53.57 1.25 0.00	51.04 1.54 0.00	50.82 1.78 0.00	53.59 1.76 0.00	65.38 2.14 0.00	73.65 2.01 0.00	89.55 2.43 0.00	68.62 2.54 0.00	88.36 3.58 0.00	79.40 4.27 0.00	68.39 4.51 0.00	84.07 5.34 0.00	85.08 4.95 0.00	92.31 4.66 0.00	70.40 2.69 0.00	81.09 2.13 0.00	64.62 1.16 0.00	52.00 1.42 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	55.95 0.26 0.00	49.87 -0.71 0.00	41.64 -1.61 0.00	36.43 -1.62 0.00	35.69 -1.65 0.00	39.89 -1.51 0.00	51.15 -1.16 0.00	48.69 -0.81 0.00	49.38 0.33 0.00	53.53 1.70 0.00	65.72 2.48 0.00	76.45 4.81 0.00	94.11 6.16 -0.83	87.22 2.89 -18.25	99.12 3.18 -11.15	79.84 3.35 -1.36	65.03 1.15 0.00	79.46 0.72 0.00	81.78 1.64 0.00	91.69 4.03 0.00	71.01 3.30 0.00	81.60 2.63 0.00	66.56 3.09 0.00	52.97 2.39 0.00
PACKARD___115KV_DUPONT_184 80571	55.95 0.26 0.00	49.87 -0.71 0.00	41.64 -1.61 0.00	36.43 -1.62 0.00	35.69 -1.65 0.00	39.89 -1.51 0.00	51.15 -1.16 0.00	48.69 -0.81 0.00	49.38 0.33 0.00	53.53 1.70 0.00	65.72 2.48 0.00	76.45 4.81 0.00	94.11 6.16 -0.83	87.22 2.89 -18.25	99.12 3.18 -11.15	79.84 3.35 -1.36	65.03 1.15 0.00	79.46 0.72 0.00	81.78 1.64 0.00	91.69 4.03 0.00	71.01 3.30 0.00	81.60 2.63 0.00	66.56 3.09 0.00	52.97 2.39 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	56.50 0.81 0.00	51.54 0.96 0.00	44.18 0.92 0.00	38.86 0.81 0.00	38.15 0.81 0.00	42.18 0.77 0.00	52.98 0.66 0.00	50.49 1.00 0.00	50.23 1.19 0.00	52.87 1.04 0.00	64.26 1.02 0.00	72.36 0.72 0.00	88.00 0.88 0.00	67.50 1.41 0.00	86.74 1.96 0.00	77.94 2.81 0.00	67.18 3.30 0.00	82.50 3.77 0.00	83.44 3.30 0.00	90.65 2.99 0.00	69.03 1.32 0.00	79.58 0.61 0.00	63.42 -0.05 0.00	51.24 0.66 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	58.26 2.57 0.00	53.09 2.51 0.00	45.48 2.22 0.00	40.01 1.97 0.00	39.31 1.97 0.00	43.51 2.10 0.00	54.70 2.38 0.00	52.14 2.64 0.00	51.90 2.86 0.00	54.62 2.79 0.00	66.35 3.12 0.00	74.66 3.02 0.00	90.51 3.39 0.00	69.62 3.54 0.00	89.44 4.66 0.00	80.33 5.20 0.00	69.36 5.48 0.00	85.31 6.57 0.00	86.27 6.13 0.00	93.73 6.07 0.00	71.34 3.63 0.00	82.26 3.30 0.00	65.63 2.17 0.00	52.84 2.26 0.00
PATROON___115KV_TB1 80586	56.97 1.28 0.00	51.94 1.36 0.00	44.55 1.30 0.00	39.22 1.17 0.00	38.50 1.16 0.00	42.63 1.22 0.00	53.66 1.34 0.00	50.65 1.15 0.00	49.96 0.92 0.00	52.58 0.74 0.00	64.04 0.80 0.00	72.23 0.59 0.00	87.90 0.78 0.00	66.26 0.18 0.00	85.18 0.39 0.00	76.04 0.91 0.00	64.81 0.93 0.00	79.65 0.92 0.00	81.17 1.04 0.00	88.48 0.82 0.00	68.01 0.29 0.00	79.08 0.10 0.00	63.20 -0.26 0.00	50.46 -0.11 0.00
PATTRSNVILLE___SOLAR 323815	57.06 1.37 0.00	51.89 1.31 0.00	44.41 1.16 0.00	39.03 0.99 0.00	38.32 0.97 0.00	42.48 1.08 0.00	53.62 1.30 0.00	50.45 0.95 0.00	49.49 0.45 0.00	51.96 0.13 0.00	63.28 0.04 0.00	71.56 -0.08 0.00	87.16 0.03 0.00	66.37 0.29 0.00	85.25 0.46 0.00	75.94 0.81 0.00	64.93 1.04 0.00	80.49 1.75 0.00	82.65 2.51 0.00	91.08 3.42 0.00	70.24 2.53 0.00	81.59 2.62 0.00	65.25 1.79 0.00	51.98 1.40 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	56.63 0.94 0.00	50.51 -0.08 0.00	42.19 -1.07 0.00	36.94 -1.10 0.00	36.24 -1.10 0.00	40.46 -0.95 0.00	51.84 -0.48 0.00	49.41 -0.09 0.00	50.16 1.12 0.00	54.35 2.52 0.00	66.80 3.57 0.00	77.58 5.94 0.00	95.55 7.66 -0.77	87.95 4.93 -16.94	101.26 6.11 -10.35	82.03 5.63 -1.27	67.46 3.58 0.00	83.06 4.33 0.00	85.55 5.41 0.00	95.77 8.12 0.00	73.71 6.00 0.00	84.25 5.29 0.00	68.14 4.68 0.00	53.82 3.25 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	57.10 1.41 0.00	52.02 1.44 0.00	44.50 1.25 0.00	39.12 1.07 0.00	38.42 1.08 0.00	42.51 1.11 0.00	53.47 1.16 0.00	50.78 1.28 0.00	50.45 1.41 0.00	53.19 1.36 0.00	64.97 1.74 0.00	73.25 1.61 0.00	89.17 2.05 0.00	68.28 2.19 0.00	87.95 3.17 0.00	79.02 3.89 0.00	68.02 4.14 0.00	83.75 5.01 0.00	84.88 4.75 0.00	92.21 4.56 0.00	70.36 2.65 0.00	81.09 2.13 0.00	64.56 1.10 0.00	51.78 1.20 0.00
PEEKSKILL___ 23653	56.39 0.69 0.00	51.41 0.82 0.00	43.99 0.74 0.00	38.68 0.64 0.00	38.00 0.65 0.00	42.04 0.63 0.00	52.82 0.50 0.00	50.15 0.65 0.00	49.81 0.77 0.00	52.55 0.71 0.00	64.18 0.94 0.00	72.33 0.69 0.00	87.90 0.78 0.00	67.27 1.19 0.00	86.60 1.82 0.00	77.76 2.62 0.00	66.89 3.01 0.00	82.32 3.58 0.00	83.45 3.32 0.00	90.66 3.00 0.00	69.21 1.50 0.00	79.85 0.88 0.00	63.67 0.20 0.00	51.16 0.58 0.00
PGE MADISON___WINDPWR 24146	58.31 2.62 0.00	53.09 2.51 0.00	45.27 2.02 0.00	39.81 1.77 0.00	39.20 1.85 0.00	43.63 2.23 0.00	55.71 3.32 -0.08	52.68 3.18 0.00	52.04 3.00 0.00	55.08 3.24 0.00	67.22 3.98 0.00	76.55 4.91 0.00	93.06 5.94 0.00	70.78 4.70 0.00	90.90 6.11 0.00	81.07 5.95 0.00	69.36 5.47 0.00	86.38 7.64 0.00	89.46 8.95 -0.37	101.64 11.16 -2.83	77.72 7.75 -2.26	89.33 7.55 -2.81	68.93 5.13 -0.33	53.42 2.84 0.00

PIERCEFIELD___HYD 23852	72.10 1.89 -14.51	51.99 1.41 0.00	44.45 1.20 0.00	39.13 1.08 0.00	38.41 1.07 0.00	42.74 1.34 0.00	54.32 1.98 -0.03	51.43 1.93 0.00	50.79 1.75 0.00	53.65 1.82 0.00	65.36 2.12 0.00	73.90 2.26 0.00	89.60 2.48 0.00	67.39 1.30 0.00	85.20 0.42 0.00	74.30 -0.83 0.00	62.58 -1.31 0.00	77.23 -1.51 0.00	78.91 -1.37 -0.14	87.79 -0.93 -1.06	68.46 -0.10 -0.85	80.83 0.80 -1.06	240.20 2.27 -174.47	116.24 1.75 -63.92
PINELAWN_CC_1 323563	56.81 1.12 0.00	51.70 1.12 0.00	44.20 0.94 0.00	38.84 0.79 0.00	38.17 0.82 0.00	42.12 0.72 0.00	52.67 0.35 0.00	49.93 0.43 0.00	49.80 0.76 0.00	52.83 0.99 0.00	65.37 2.13 0.00	72.45 0.81 0.00	86.33 -0.47 0.32	66.23 0.15 0.00	86.12 1.05 -0.28	84.00 2.57 -6.30	76.41 3.24 -9.29	89.82 3.47 -7.62	88.08 2.85 -5.09	88.74 1.84 0.76	68.22 0.61 0.10	79.05 0.09 0.00	62.80 -0.66 0.00	51.26 0.68 0.00
PJM_GEN_HTP_PROXY 323702	56.39 0.87 0.16	51.30 1.02 0.30	44.18 0.92 0.00	38.84 0.80 0.00	38.16 0.81 0.00	42.23 0.82 0.00	53.02 0.70 0.00	50.46 0.96 0.00	50.21 1.17 0.00	52.94 1.10 0.00	64.60 1.36 0.00	72.72 1.08 0.00	88.39 1.27 0.00	67.69 1.60 0.00	87.12 2.33 0.00	78.28 3.15 0.00	67.38 3.54 0.04	82.89 4.16 0.00	83.86 3.72 0.00	90.96 3.31 0.00	69.37 1.65 0.00	86.56 0.97 -6.62	67.43 0.24 -3.72	51.30 0.73 0.00
PJM_GEN_KEystone 24065	55.17 -0.21 0.31	40.07 -0.34 10.17	34.61 -0.63 8.01	37.47 -0.58 0.00	36.80 -0.55 0.00	40.13 -0.58 0.70	51.65 -0.66 0.00	48.98 -0.42 0.10	49.06 0.05 0.03	52.14 0.41 0.10	63.01 0.62 0.84	71.95 1.10 0.78	88.53 1.36 -0.06	67.49 1.04 -0.37	89.15 1.39 -2.98	77.18 1.82 -0.23	65.20 1.67 0.35	80.53 1.85 0.06	82.29 2.15 0.00	84.13 2.97 6.49	35.10 1.56 34.16	80.19 0.75 -0.46	67.75 0.58 -3.71	51.08 0.51 0.00
PJM_GEN_NEPTUNE_PROXY 323594	56.15 0.63 0.16	50.98 0.70 0.30	43.86 0.60 0.00	38.56 0.51 0.00	37.89 0.54 0.00	41.84 0.44 0.00	52.37 0.05 0.00	49.63 0.13 0.00	49.48 0.44 0.00	52.43 0.59 0.00	64.88 1.65 0.00	72.24 0.61 0.00	86.86 -0.27 0.00	66.64 0.56 0.00	86.18 1.39 0.00	77.62 2.69 0.20	67.04 3.20 0.04	82.18 3.44 0.00	82.58 2.91 0.47	88.29 2.03 1.40	68.38 0.78 0.11	85.61 0.02 -6.62	66.61 -0.57 -3.72	51.21 0.64 0.00
PJM_GEN_VFT_PROXY 323633	53.91 0.45 2.23	50.97 0.69 0.30	43.91 0.65 0.00	38.62 0.57 0.00	37.93 0.59 0.00	41.97 0.56 0.00	52.58 0.34 0.08	48.68 0.64 1.46	49.53 0.86 0.37	51.15 0.76 1.45	52.07 0.85 12.02	60.95 0.49 11.18	84.50 0.54 3.16	55.94 1.09 11.24	75.37 1.65 11.07	74.38 2.56 3.31	62.44 3.07 4.51	81.44 3.53 0.83	83.26 3.13 0.00	90.31 2.66 0.00	68.58 1.12 0.25	85.41 0.30 -6.15	66.72 -0.28 -3.54	50.95 0.37 0.00
PLATSBURG_115KV_PMLD1 355749	57.63 0.91 -1.03	51.48 0.90 0.00	43.90 0.64 0.00	38.67 0.62 0.00	37.92 0.58 0.00	41.98 0.58 0.00	53.04 0.72 0.00	50.45 0.95 0.00	49.88 0.84 0.00	52.87 1.03 0.00	64.42 1.18 0.00	73.06 1.42 0.00	88.96 1.84 0.00	66.96 0.88 0.00	85.98 1.20 0.00	75.28 0.15 0.00	64.01 0.13 0.00	78.89 0.16 0.00	80.15 0.02 0.00	87.71 0.05 0.00	68.11 0.40 0.00	79.81 0.84 0.00	48.27 0.73 15.92	50.65 0.39 0.33
PLEASANTVLY___LBMP 24000	56.25 0.56 0.00	51.31 0.73 0.00	43.94 0.68 0.00	38.65 0.60 0.00	37.96 0.62 0.00	41.99 0.58 0.00	52.76 0.45 0.00	50.02 0.52 0.00	49.62 0.57 0.00	52.29 0.45 0.00	63.80 0.57 0.00	71.87 0.24 0.00	87.41 0.29 0.00	66.82 0.74 0.00	86.02 1.24 0.00	77.13 2.00 0.00	66.29 2.41 0.00	81.61 2.88 0.00	82.79 2.65 0.00	89.96 2.31 0.00	68.81 1.10 0.00	79.52 0.55 0.00	63.47 0.00 0.00	50.96 0.39 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	56.61 0.92 0.00	51.61 1.03 0.00	44.17 0.92 0.00	38.84 0.80 0.00	38.15 0.81 0.00	42.21 0.80 0.00	53.03 0.71 0.00	50.37 0.87 0.00	50.07 1.03 0.00	52.80 0.96 0.00	64.48 1.24 0.00	72.63 0.99 0.00	88.29 1.17 0.00	67.57 1.49 0.00	87.03 2.24 0.00	78.13 3.00 0.00	67.26 3.37 0.00	82.72 3.98 0.00	83.79 3.65 0.00	91.00 3.35 0.00	69.47 1.76 0.00	80.16 1.19 0.00	63.89 0.43 0.00	51.34 0.76 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	56.61 0.92 0.00	51.61 1.03 0.00	44.17 0.92 0.00	38.84 0.80 0.00	38.15 0.81 0.00	42.21 0.80 0.00	53.03 0.71 0.00	50.37 0.87 0.00	50.07 1.03 0.00	52.80 0.96 0.00	64.48 1.24 0.00	72.63 0.99 0.00	88.29 1.17 0.00	67.57 1.49 0.00	87.03 2.24 0.00	78.13 3.00 0.00	67.26 3.37 0.00	82.72 3.98 0.00	83.79 3.65 0.00	91.00 3.35 0.00	69.47 1.76 0.00	80.16 1.19 0.00	63.89 0.43 0.00	51.34 0.76 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	56.81 1.12 0.00	51.78 1.20 0.00	44.29 1.04 0.00	38.95 0.90 0.00	38.25 0.90 0.00	42.31 0.91 0.00	53.22 0.90 0.00	50.48 0.99 0.00	50.10 1.07 0.00	52.80 0.97 0.00	64.43 1.19 0.00	72.60 0.96 0.00	88.41 1.29 0.00	67.65 1.57 0.00	87.11 2.32 0.00	78.18 3.05 0.00	67.31 3.42 0.00	82.93 4.19 0.00	84.13 3.99 0.00	91.44 3.78 0.00	69.84 2.13 0.00	80.58 1.62 0.00	64.22 0.75 0.00	51.48 0.91 0.00
POLETTI____ 23519	56.39 0.70 0.00	51.45 0.87 0.00	44.05 0.80 0.00	38.74 0.69 0.00	38.06 0.72 0.00	42.11 0.70 0.00	52.86 0.55 0.00	50.32 0.82 0.00	50.09 1.05 0.00	52.81 0.97 0.00	64.40 1.16 0.00	72.49 0.85 0.00	88.08 0.96 0.00	67.50 1.42 0.00	86.87 2.09 0.00	78.06 2.93 0.00	67.24 3.36 0.00	82.66 3.92 0.00	83.64 3.50 0.00	90.69 3.03 0.00	69.14 1.43 0.00	79.65 0.68 0.00	63.49 0.02 0.00	51.13 0.56 0.00
POMONA___ESR 323819	56.39 0.69 0.00	51.37 0.79 0.00	43.95 0.70 0.00	38.65 0.61 0.00	37.98 0.64 0.00	41.99 0.58 0.00	52.77 0.46 0.00	50.08 0.58 0.00	49.78 0.74 0.00	52.52 0.69 0.00	64.22 0.98 0.00	72.44 0.80 0.00	88.08 0.95 0.00	67.41 1.32 0.00	86.78 1.99 0.00	77.93 2.80 0.00	67.04 3.16 0.00	82.51 3.78 0.00	83.67 3.53 0.00	90.90 3.24 0.00	69.34 1.63 0.00	79.95 0.99 0.00	63.76 0.29 0.00	51.21 0.63 0.00
PORT_JEFF_3 23555	56.40 0.71 0.00	51.32 0.74 0.00	43.90 0.64 0.00	38.59 0.54 0.00	37.93 0.59 0.00	41.73 0.33 0.00	51.93 -0.39 0.00	49.10 -0.40 0.00	49.02 -0.02 0.00	52.22 0.38 0.00	65.52 2.28 0.00	72.74 1.10 0.00	86.29 -0.17 0.66	66.61 0.52 0.00	90.90 1.68 -4.43	179.23 3.12 -100.97	208.53 3.57 -141.08	200.06 3.73 -117.59	171.92 3.24 -88.55	93.74 2.29 -3.79	68.39 0.77 0.09	78.89 -0.08 0.00	62.80 -0.67 0.00	51.63 1.05 0.00
PORT_JEFF_4 23616	56.40 0.71 0.00	51.32 0.74 0.00	43.90 0.64 0.00	38.59 0.54 0.00	37.93 0.59 0.00	41.73 0.33 0.00	51.93 -0.39 0.00	49.10 -0.40 0.00	49.02 -0.02 0.00	52.22 0.38 0.00	65.52 2.28 0.00	72.74 1.10 0.00	86.29 -0.17 0.66	66.61 0.52 0.00	90.90 1.68 -4.43	179.23 3.12 -100.97	208.53 3.57 -141.08	200.06 3.73 -117.59	171.92 3.24 -88.55	93.74 2.29 -3.79	68.39 0.77 0.09	78.89 -0.08 0.00	62.80 -0.67 0.00	51.63 1.05 0.00

PORT_JEFF_IC 23713	56.48 0.79 0.00	51.39 0.81 0.00	43.95 0.69 0.00	38.63 0.58 0.00	37.95 0.60 0.00	41.79 0.39 0.00	52.02 -0.30 0.00	49.11 -0.39 0.00	49.04 0.00 0.00	52.26 0.42 0.00	65.61 2.37 0.00	72.87 1.23 0.00	86.31 0.05 0.86	66.68 0.60 0.00	91.70 1.81 -5.11	194.88 3.30 -116.45	224.82 3.75 -157.19	212.29 3.93 -129.62	187.29 3.47 -103.68	94.75 2.54 -4.55	68.46 0.83 0.09	78.93 -0.04 0.00	62.77 -0.69 0.00	51.77 1.20 0.00
PPL PILGRIM_ST_GT1 24216	57.02 1.33 0.00	51.86 1.28 0.00	44.33 1.07 0.00	38.96 0.92 0.00	38.28 0.94 0.00	42.25 0.84 0.00	52.78 0.47 0.00	50.00 0.50 0.00	49.87 0.83 0.00	53.04 1.21 0.00	66.29 3.05 0.00	73.58 1.94 0.00	86.90 0.59 0.81	66.90 0.82 0.00	87.79 2.10 -0.90	99.30 3.69 -20.48	97.91 4.22 -29.80	107.62 4.42 -24.47	100.84 3.56 -17.14	90.19 2.62 0.08	69.03 1.40 0.08	79.77 0.80 0.00	63.54 0.08 0.00	52.01 1.44 0.00
PPL PILGRIM_ST_GT2 24217	57.02 1.33 0.00	51.86 1.28 0.00	44.33 1.07 0.00	38.96 0.92 0.00	38.28 0.94 0.00	42.25 0.84 0.00	52.78 0.47 0.00	50.00 0.50 0.00	49.87 0.83 0.00	53.04 1.21 0.00	66.29 3.05 0.00	73.58 1.94 0.00	86.90 0.59 0.81	66.90 0.82 0.00	87.79 2.10 -0.90	99.30 3.69 -20.48	97.91 4.22 -29.80	107.62 4.42 -24.47	100.84 3.56 -17.14	90.19 2.62 0.08	69.03 1.40 0.08	79.77 0.80 0.00	63.54 0.08 0.00	52.01 1.44 0.00
PPL_SHRM_GT3 24213	55.97 0.28 0.00	50.91 0.33 0.00	43.57 0.31 0.00	38.31 0.26 0.00	37.67 0.33 0.00	41.41 0.00 0.00	51.61 -0.70 0.00	48.88 -0.62 0.00	48.86 -0.18 0.00	52.14 0.31 0.00	65.68 2.45 0.00	73.04 1.40 0.00	86.82 0.40 0.70	67.18 1.10 0.00	91.75 2.44 -4.53	182.22 3.96 -103.13	211.06 4.39 -142.78	202.13 4.81 -118.59	174.94 4.06 -90.75	94.76 3.20 -3.90	69.11 1.49 0.09	79.71 0.74 0.00	63.15 -0.31 0.00	51.66 1.09 0.00
PPL_SHRM_GT4 24214	55.97 0.28 0.00	50.91 0.33 0.00	43.57 0.31 0.00	38.31 0.26 0.00	37.67 0.33 0.00	41.41 0.00 0.00	51.61 -0.70 0.00	48.88 -0.62 0.00	48.86 -0.18 0.00	52.14 0.31 0.00	65.68 2.45 0.00	73.04 1.40 0.00	86.82 0.40 0.70	67.18 1.10 0.00	91.75 2.44 -4.53	182.22 3.96 -103.13	211.06 4.39 -142.78	202.13 4.81 -118.59	174.94 4.06 -90.75	94.76 3.20 -3.90	69.11 1.49 0.09	79.71 0.74 0.00	63.15 -0.31 0.00	51.66 1.09 0.00
PROJECT___ORANGE 1 24174	55.20 -0.49 0.00	49.96 -0.62 0.00	42.54 -0.72 0.00	37.37 -0.67 0.00	36.67 -0.67 0.00	40.71 -0.69 0.00	51.64 -0.78 -0.10	48.85 -0.65 0.00	48.55 -0.49 0.00	51.50 -0.33 0.00	63.05 -0.19 0.00	71.75 0.11 0.00	87.49 0.37 0.00	66.37 0.29 0.00	85.24 0.45 0.00	75.80 0.67 0.00	64.41 0.52 0.00	79.49 0.75 0.00	81.82 1.18 -0.50	93.22 1.80 -3.76	71.83 1.12 -3.00	83.37 0.66 -3.74	67.31 0.27 -3.58	51.14 0.02 -0.54
PROJECT___ORANGE 2 24166	55.20 -0.49 0.00	49.96 -0.62 0.00	42.54 -0.72 0.00	37.37 -0.67 0.00	36.67 -0.67 0.00	40.71 -0.69 0.00	51.64 -0.78 -0.10	48.85 -0.65 0.00	48.55 -0.49 0.00	51.50 -0.33 0.00	63.05 -0.19 0.00	71.75 0.11 0.00	87.49 0.37 0.00	66.37 0.29 0.00	85.24 0.45 0.00	75.80 0.67 0.00	64.41 0.52 0.00	79.49 0.75 0.00	81.82 1.18 -0.50	93.22 1.80 -3.76	71.83 1.12 -3.00	83.37 0.66 -3.74	67.31 0.27 -3.58	51.14 0.02 -0.54
PUCKETT___SOLAR 323809	56.14 0.45 0.00	51.09 0.51 0.00	43.51 0.25 0.00	38.23 0.18 0.00	37.60 0.26 0.00	41.74 0.34 0.00	52.97 0.58 -0.07	50.05 0.55 0.00	49.52 0.48 0.00	52.34 0.50 0.00	63.73 0.49 0.00	72.47 0.83 0.00	88.12 0.99 0.00	66.85 0.77 0.00	85.88 1.09 0.00	76.50 1.37 0.00	65.37 1.49 0.00	81.03 2.30 0.00	83.74 3.25 -0.35	94.95 4.68 -2.61	72.94 3.14 -2.09	84.35 2.78 -2.60	65.71 1.94 -0.31	51.42 0.85 0.00
PYRITES___HYD 24023	74.30 3.23 -15.38	53.22 2.64 0.00	45.51 2.26 0.00	40.10 2.06 0.00	39.33 1.99 0.00	43.77 2.37 0.00	55.61 3.29 0.00	52.45 2.95 0.00	51.47 2.43 0.00	54.07 2.24 0.00	65.76 2.53 0.00	74.34 2.71 0.00	90.08 2.95 0.00	67.83 1.75 0.00	85.98 1.20 0.00	75.17 0.03 0.00	63.26 -0.63 0.00	78.19 -0.54 0.00	80.16 0.02 0.00	89.09 1.44 0.00	69.72 2.01 0.00	82.19 3.22 0.00	245.47 3.96 -178.05	120.15 3.00 -66.58
QUAKERRD_115KV_BK1 80622	55.31 -0.38 0.00	49.69 -0.89 0.00	41.95 -1.31 0.00	36.76 -1.28 0.00	36.05 -1.29 0.00	40.16 -1.24 0.00	51.11 -1.21 0.00	48.58 -0.92 0.00	48.77 -0.27 0.00	52.29 0.46 0.00	64.17 0.93 0.00	73.86 2.22 0.00	88.69 3.17 1.61	32.88 2.11 35.31	65.78 2.58 21.58	74.99 2.50 2.64	65.24 1.35 0.00	80.37 1.63 0.00	82.60 2.46 0.00	91.63 3.97 0.00	70.54 2.83 0.00	81.27 2.31 0.00	65.29 1.83 0.00	51.68 1.11 0.00
QUENSBRY_115KV_TB8 356137	58.50 2.81 0.00	52.99 2.41 0.00	45.38 2.13 0.00	39.99 1.94 0.00	39.29 1.95 0.00	43.49 2.09 0.00	54.76 2.44 0.00	51.74 2.24 0.00	50.98 1.94 0.00	53.57 1.73 0.00	65.35 2.11 0.00	73.70 2.06 0.00	90.21 3.09 0.00	68.98 2.90 0.00	88.92 4.13 0.00	79.28 4.16 0.00	67.84 3.95 0.00	84.34 5.61 0.00	86.40 6.26 0.00	94.69 7.03 0.00	72.47 4.76 0.00	84.17 5.20 0.00	66.88 3.42 0.00	53.05 2.48 0.00
RAMAPO___LBMP 323565	56.16 0.47 0.00	51.17 0.59 0.00	43.78 0.53 0.00	38.52 0.47 0.00	37.83 0.48 0.00	41.84 0.43 0.00	52.60 0.29 0.00	49.89 0.39 0.00	49.55 0.51 0.00	52.26 0.43 0.00	63.86 0.62 0.00	72.01 0.37 0.00	87.54 0.42 0.00	66.96 0.87 0.00	86.19 1.40 0.00	77.34 2.21 0.00	66.51 2.63 0.00	81.88 3.15 0.00	83.07 2.94 0.00	90.34 2.68 0.00	68.94 1.23 0.00	79.53 0.56 0.00	63.46 -0.01 0.00	50.98 0.40 0.00
RANKINE____ 23646	56.74 1.05 0.00	50.58 0.00 0.00	42.21 -1.05 0.00	36.97 -1.08 0.00	36.27 -1.07 0.00	40.50 -0.91 0.00	51.93 -0.39 0.00	49.47 -0.03 0.00	50.24 1.21 0.00	54.49 2.66 0.00	66.99 3.75 0.00	77.85 6.21 0.00	95.87 7.97 -0.78	88.38 5.06 -17.23	101.53 6.20 -10.54	82.09 5.67 -1.29	67.33 3.44 0.00	82.82 4.09 0.00	85.33 5.19 0.00	95.65 8.00 0.00	73.72 6.00 0.00	84.33 5.37 0.00	68.35 4.89 0.00	54.05 3.48 0.00
RAVENSWOOD_GT2_1 24244	56.61 0.91 0.00	51.65 1.07 0.00	44.22 0.96 0.00	38.88 0.84 0.00	38.19 0.85 0.00	42.26 0.86 0.00	53.06 0.75 0.00	50.49 1.00 0.00	50.24 1.20 0.00	52.97 1.14 0.00	64.60 1.37 0.00	72.72 1.08 0.00	88.40 1.28 0.00	67.70 1.62 0.00	87.13 2.34 0.00	78.29 3.16 0.00	67.43 3.55 0.00	82.89 4.16 0.00	83.90 3.76 0.00	91.02 3.36 0.00	69.40 1.69 0.00	79.96 0.99 0.00	63.75 0.28 0.00	51.34 0.76 0.00
RAVENSWOOD_GT2_2 24245	56.61 0.91 0.00	51.65 1.07 0.00	44.22 0.96 0.00	38.88 0.84 0.00	38.19 0.85 0.00	42.26 0.86 0.00	53.06 0.75 0.00	50.49 1.00 0.00	50.24 1.20 0.00	52.97 1.14 0.00	64.60 1.37 0.00	72.72 1.08 0.00	88.40 1.28 0.00	67.70 1.62 0.00	87.13 2.34 0.00	78.29 3.16 0.00	67.43 3.55 0.00	82.89 4.16 0.00	83.90 3.76 0.00	91.02 3.36 0.00	69.40 1.69 0.00	79.96 0.99 0.00	63.75 0.28 0.00	51.34 0.76 0.00

RAVENSWOOD_GT2_3 24246	56.63 0.94 0.00	51.67 1.09 0.00	44.25 0.99 0.00	38.91 0.86 0.00	38.22 0.88 0.00	42.28 0.87 0.00	53.10 0.78 0.00	50.52 1.02 0.00	50.27 1.23 0.00	53.01 1.17 0.00	64.62 1.38 0.00	72.73 1.09 0.00	88.41 1.29 0.00	67.74 1.66 0.00	87.17 2.38 0.00	78.33 3.19 0.00	67.45 3.57 0.00	82.91 4.18 0.00	83.92 3.78 0.00	91.04 3.38 0.00	69.42 1.71 0.00	79.99 1.02 0.00	63.75 0.28 0.00	51.34 0.76 0.00
RAVENSWOOD_GT2_4 24247	56.63 0.94 0.00	51.67 1.09 0.00	44.25 0.99 0.00	38.91 0.86 0.00	38.22 0.88 0.00	42.28 0.87 0.00	53.10 0.78 0.00	50.52 1.02 0.00	50.27 1.23 0.00	53.01 1.17 0.00	64.62 1.38 0.00	72.73 1.09 0.00	88.41 1.29 0.00	67.74 1.66 0.00	87.17 2.38 0.00	78.33 3.19 0.00	67.45 3.57 0.00	82.91 4.18 0.00	83.92 3.78 0.00	91.04 3.38 0.00	69.42 1.71 0.00	79.99 1.02 0.00	63.75 0.28 0.00	51.34 0.76 0.00
RAVENSWOOD_GT3_1 24248	56.61 0.91 0.00	51.65 1.07 0.00	44.22 0.96 0.00	38.88 0.84 0.00	38.19 0.85 0.00	42.27 0.86 0.00	53.06 0.75 0.00	50.49 1.00 0.00	50.24 1.20 0.00	52.97 1.14 0.00	64.61 1.37 0.00	72.73 1.09 0.00	88.41 1.29 0.00	67.72 1.63 0.00	87.15 2.37 0.00	78.32 3.19 0.00	67.44 3.56 0.00	82.91 4.18 0.00	83.90 3.77 0.00	91.03 3.38 0.00	69.42 1.71 0.00	79.99 1.02 0.00	63.75 0.28 0.00	51.34 0.76 0.00
RAVENSWOOD_GT3_2 24249	56.61 0.91 0.00	51.65 1.07 0.00	44.22 0.96 0.00	38.88 0.84 0.00	38.19 0.85 0.00	42.27 0.86 0.00	53.06 0.75 0.00	50.49 1.00 0.00	50.24 1.20 0.00	52.97 1.14 0.00	64.61 1.37 0.00	72.73 1.09 0.00	88.41 1.29 0.00	67.72 1.63 0.00	87.15 2.37 0.00	78.32 3.19 0.00	67.44 3.56 0.00	82.91 4.18 0.00	83.90 3.77 0.00	91.03 3.38 0.00	69.42 1.71 0.00	79.99 1.02 0.00	63.75 0.28 0.00	51.34 0.76 0.00
RAVENSWOOD_GT3_3 24250	56.72 1.03 0.00	51.74 1.16 0.00	44.30 1.05 0.00	38.95 0.90 0.00	38.26 0.92 0.00	42.33 0.93 0.00	53.16 0.84 0.00	50.59 1.10 0.00	50.35 1.30 0.00	53.09 1.25 0.00	64.77 1.53 0.00	72.92 1.29 0.00	88.63 1.51 0.00	67.89 1.81 0.00	87.38 2.59 0.00	78.52 3.38 0.00	67.62 3.74 0.00	83.13 4.40 0.00	84.12 3.98 0.00	91.25 3.60 0.00	69.58 1.87 0.00	80.18 1.21 0.00	63.91 0.44 0.00	51.45 0.87 0.00
RAVENSWOOD_GT3_4 24251	56.72 1.03 0.00	51.74 1.16 0.00	44.30 1.05 0.00	38.95 0.90 0.00	38.26 0.92 0.00	42.33 0.93 0.00	53.16 0.84 0.00	50.59 1.10 0.00	50.35 1.30 0.00	53.09 1.25 0.00	64.77 1.53 0.00	72.92 1.29 0.00	88.63 1.51 0.00	67.89 1.81 0.00	87.38 2.59 0.00	78.52 3.38 0.00	67.62 3.74 0.00	83.13 4.40 0.00	84.12 3.98 0.00	91.25 3.60 0.00	69.58 1.87 0.00	80.18 1.21 0.00	63.91 0.44 0.00	51.45 0.87 0.00
RAVENSWOOD_GT_1 23729	56.49 0.80 0.00	51.58 1.00 0.00	44.24 0.98 0.00	38.90 0.85 0.00	38.20 0.85 0.00	42.26 0.86 0.00	53.06 0.75 0.00	50.58 1.09 0.00	50.35 1.30 0.00	53.04 1.20 0.00	64.50 1.26 0.00	72.55 0.91 0.00	88.21 1.09 0.00	67.66 1.58 0.00	86.99 2.21 0.00	78.22 3.08 0.00	67.44 3.56 0.00	82.82 4.08 0.00	83.72 3.58 0.00	90.84 3.18 0.00	69.18 1.47 0.00	79.68 0.72 0.00	63.49 0.03 0.00	51.25 0.67 0.00
RAVENSWOOD_GT_10 24258	56.62 0.92 0.00	51.65 1.07 0.00	44.22 0.96 0.00	38.88 0.84 0.00	38.20 0.85 0.00	42.27 0.86 0.00	53.07 0.75 0.00	50.49 1.00 0.00	50.24 1.20 0.00	52.97 1.14 0.00	64.62 1.38 0.00	72.76 1.12 0.00	88.41 1.29 0.00	67.74 1.65 0.00	87.19 2.40 0.00	78.34 3.21 0.00	67.46 3.57 0.00	82.92 4.18 0.00	83.92 3.79 0.00	91.05 3.39 0.00	69.43 1.72 0.00	79.99 1.03 0.00	63.77 0.30 0.00	51.35 0.77 0.00
RAVENSWOOD_GT_11 24259	56.62 0.92 0.00	51.65 1.07 0.00	44.22 0.96 0.00	38.88 0.84 0.00	38.20 0.85 0.00	42.27 0.86 0.00	53.07 0.75 0.00	50.49 1.00 0.00	50.24 1.20 0.00	52.97 1.14 0.00	64.62 1.38 0.00	72.76 1.12 0.00	88.41 1.29 0.00	67.74 1.65 0.00	87.19 2.40 0.00	78.34 3.21 0.00	67.46 3.57 0.00	82.92 4.18 0.00	83.92 3.79 0.00	91.05 3.39 0.00	69.43 1.72 0.00	79.99 1.03 0.00	63.77 0.30 0.00	51.35 0.77 0.00
RAVENSWOOD_GT_4 24252	56.61 0.92 0.00	51.65 1.07 0.00	44.22 0.96 0.00	38.89 0.84 0.00	38.20 0.85 0.00	42.27 0.86 0.00	53.06 0.75 0.00	50.49 1.00 0.00	50.25 1.21 0.00	52.97 1.14 0.00	64.61 1.38 0.00	72.73 1.09 0.00	88.41 1.29 0.00	67.74 1.66 0.00	87.17 2.38 0.00	78.33 3.19 0.00	67.45 3.57 0.00	82.91 4.18 0.00	83.92 3.78 0.00	91.04 3.38 0.00	69.42 1.71 0.00	79.99 1.02 0.00	63.75 0.28 0.00	51.34 0.76 0.00
RAVENSWOOD_GT_5 24254	56.61 0.92 0.00	51.65 1.07 0.00	44.22 0.96 0.00	38.89 0.84 0.00	38.20 0.85 0.00	42.27 0.86 0.00	53.06 0.75 0.00	50.49 1.00 0.00	50.25 1.21 0.00	52.97 1.14 0.00	64.61 1.38 0.00	72.73 1.09 0.00	88.41 1.29 0.00	67.74 1.66 0.00	87.17 2.38 0.00	78.33 3.19 0.00	67.45 3.57 0.00	82.91 4.18 0.00	83.92 3.78 0.00	91.04 3.38 0.00	69.42 1.71 0.00	79.99 1.02 0.00	63.75 0.28 0.00	51.34 0.76 0.00
RAVENSWOOD_GT_6 24253	56.61 0.92 0.00	51.65 1.07 0.00	44.22 0.96 0.00	38.89 0.84 0.00	38.20 0.85 0.00	42.27 0.86 0.00	53.06 0.75 0.00	50.49 1.00 0.00	50.25 1.21 0.00	52.97 1.14 0.00	64.61 1.38 0.00	72.73 1.09 0.00	88.41 1.29 0.00	67.74 1.66 0.00	87.17 2.38 0.00	78.33 3.19 0.00	67.45 3.57 0.00	82.91 4.18 0.00	83.92 3.78 0.00	91.04 3.38 0.00	69.42 1.71 0.00	79.99 1.02 0.00	63.75 0.28 0.00	51.34 0.76 0.00
RAVENSWOOD_GT_7 24255	56.61 0.92 0.00	51.65 1.07 0.00	44.22 0.96 0.00	38.89 0.84 0.00	38.20 0.85 0.00	42.27 0.86 0.00	53.06 0.75 0.00	50.49 1.00 0.00	50.25 1.21 0.00	52.97 1.14 0.00	64.61 1.38 0.00	72.73 1.09 0.00	88.41 1.29 0.00	67.74 1.66 0.00	87.17 2.38 0.00	78.33 3.19 0.00	67.45 3.57 0.00	82.91 4.18 0.00	83.92 3.78 0.00	91.04 3.38 0.00	69.42 1.71 0.00	79.99 1.02 0.00	63.75 0.28 0.00	51.34 0.76 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	56.62 0.92 0.00	51.65 1.07 0.00	44.22 0.96 0.00	38.88 0.84 0.00	38.20 0.85 0.00	42.27 0.86 0.00	53.07 0.75 0.00	50.49 1.00 0.00	50.24 1.20 0.00	52.97 1.14 0.00	64.62 1.38 0.00	72.76 1.12 0.00	88.41 1.29 0.00	67.74 1.65 0.00	87.19 2.40 0.00	78.34 3.21 0.00	67.46 3.57 0.00	82.92 4.18 0.00	83.92 3.79 0.00	91.05 3.39 0.00	69.43 1.72 0.00	79.99 1.03 0.00	63.77 0.30 0.00	51.35 0.77 0.00
RAVENSWOOD_GT_9 24257	56.62 0.92 0.00	51.65 1.07 0.00	44.22 0.96 0.00	38.88 0.84 0.00	38.20 0.85 0.00	42.27 0.86 0.00	53.07 0.75 0.00	50.49 1.00 0.00	50.24 1.20 0.00	52.97 1.14 0.00	64.62 1.38 0.00	72.76 1.12 0.00	88.41 1.29 0.00	67.74 1.65 0.00	87.19 2.40 0.00	78.34 3.21 0.00	67.46 3.57 0.00	82.92 4.18 0.00	83.92 3.79 0.00	91.05 3.39 0.00	69.43 1.72 0.00	79.99 1.03 0.00	63.77 0.30 0.00	51.35 0.77 0.00

RAVENSWOOD___1 23533	56.50 0.81 0.00	51.58 1.00 0.00	44.14 0.88 0.00	38.80 0.75 0.00	38.12 0.77 0.00	42.15 0.75 0.00	52.93 0.61 0.00	50.48 0.98 0.00	50.21 1.17 0.00	52.89 1.05 0.00	64.26 1.02 0.00	72.26 0.62 0.00	87.89 0.77 0.00	67.42 1.34 0.00	86.68 1.90 0.00	77.94 2.81 0.00	67.24 3.36 0.00	82.55 3.82 0.00	83.41 3.27 0.00	90.55 2.90 0.00	68.92 1.21 0.00	79.40 0.43 0.00	63.27 -0.19 0.00	51.11 0.53 0.00
RAVENSWOOD___2 23534	56.50 0.81 0.00	51.57 0.99 0.00	44.12 0.86 0.00	38.75 0.71 0.00	38.07 0.73 0.00	42.11 0.70 0.00	52.88 0.56 0.00	50.40 0.90 0.00	50.15 1.12 0.00	52.82 0.99 0.00	64.04 0.81 0.00	71.84 0.20 0.00	87.24 0.12 0.00	66.99 0.91 0.00	86.04 1.25 0.00	77.41 2.28 0.00	66.93 3.04 0.00	82.10 3.37 0.00	82.83 2.69 0.00	89.86 2.21 0.00	68.49 0.78 0.00	78.81 -0.15 0.00	62.83 -0.63 0.00	50.81 0.23 0.00
RAVENSWOOD___3 23535	56.61 0.92 0.00	51.65 1.07 0.00	44.22 0.96 0.00	38.89 0.84 0.00	38.20 0.86 0.00	42.27 0.86 0.00	53.06 0.75 0.00	50.50 1.00 0.00	50.24 1.21 0.00	52.97 1.14 0.00	64.61 1.37 0.00	72.73 1.09 0.00	88.41 1.29 0.00	67.72 1.64 0.00	87.16 2.37 0.00	78.31 3.18 0.00	67.45 3.57 0.00	82.91 4.17 0.00	83.92 3.78 0.00	91.03 3.37 0.00	69.42 1.71 0.00	79.99 1.03 0.00	63.75 0.28 0.00	51.34 0.76 0.00
RAVENSWOOD___4 23820	56.50 0.81 0.00	51.58 1.00 0.00	44.14 0.88 0.00	38.80 0.75 0.00	38.12 0.77 0.00	42.15 0.75 0.00	52.93 0.61 0.00	50.48 0.98 0.00	50.21 1.17 0.00	52.89 1.05 0.00	64.26 1.02 0.00	72.26 0.62 0.00	87.89 0.77 0.00	67.42 1.34 0.00	86.68 1.90 0.00	77.94 2.81 0.00	67.24 3.36 0.00	82.55 3.82 0.00	83.41 3.27 0.00	90.55 2.90 0.00	68.92 1.21 0.00	79.40 0.43 0.00	63.27 -0.19 0.00	51.11 0.53 0.00
RCPL_TRUST___DRP 24196	56.63 0.94 0.00	51.67 1.09 0.00	44.23 0.97 0.00	38.89 0.85 0.00	38.21 0.86 0.00	42.27 0.87 0.00	53.10 0.78 0.00	50.54 1.04 0.00	50.31 1.27 0.00	53.06 1.22 0.00	64.73 1.49 0.00	72.86 1.22 0.00	88.56 1.44 0.00	67.84 1.76 0.00	87.30 2.51 0.00	78.43 3.31 0.00	67.58 3.69 0.00	83.06 4.32 0.00	84.02 3.88 0.00	91.13 3.47 0.00	69.48 1.77 0.00	80.03 1.07 0.00	63.80 0.33 0.00	51.36 0.78 0.00
RED___ROCHESTER 323720	57.39 1.70 0.00	51.49 0.91 0.00	43.23 -0.02 0.00	37.85 -0.19 0.00	37.13 -0.22 0.00	41.39 -0.02 0.00	52.76 0.45 0.00	50.16 0.66 0.00	50.49 1.45 0.00	54.32 2.49 0.00	66.74 3.50 0.00	77.09 5.45 0.00	96.13 7.22 -1.79	110.58 5.08 -39.41	115.28 6.40 -24.09	84.01 5.94 -2.94	67.96 4.07 0.00	83.75 5.02 0.00	86.28 6.15 0.00	95.88 8.23 0.00	73.71 5.99 0.00	84.79 5.82 0.00	68.12 4.66 0.00	53.82 3.24 0.00
REGAN___SOLAR 323812	58.67 2.98 0.00	53.14 2.56 0.00	45.38 2.12 0.00	39.79 1.74 0.00	39.09 1.74 0.00	43.39 1.98 0.00	54.94 2.62 0.00	51.35 1.85 0.00	49.56 0.52 0.00	51.64 -0.20 0.00	62.74 -0.49 0.00	70.93 -0.71 0.00	86.47 -0.66 0.00	66.05 -0.04 0.00	84.78 -0.01 0.00	75.54 0.41 0.00	64.84 0.96 0.00	81.01 2.27 0.00	84.51 4.37 0.00	94.81 7.15 0.00	73.36 5.65 0.00	85.02 6.05 0.00	67.83 4.37 0.00	53.82 3.24 0.00
RENSSELAER___COGEN 23796	56.50 0.81 0.00	51.54 0.96 0.00	44.23 0.98 0.00	38.93 0.88 0.00	38.21 0.87 0.00	42.30 0.89 0.00	53.24 0.92 0.00	50.21 0.71 0.00	49.48 0.44 0.00	52.04 0.21 0.00	63.34 0.10 0.00	71.37 -0.27 0.00	86.79 -0.33 0.00	65.34 -0.74 0.00	83.91 -0.88 0.00	74.89 -0.25 0.00	63.81 -0.08 0.00	78.40 -0.33 0.00	79.88 -0.26 0.00	87.08 -0.58 0.00	66.98 -0.73 0.00	77.93 -1.03 0.00	62.36 -1.10 0.00	49.84 -0.74 0.00
REPUBLIC_115KV_BARTNBRK 55605	62.32 6.62 0.00	56.00 5.42 0.00	47.67 4.41 0.00	42.21 4.17 0.00	41.58 4.23 0.00	45.97 4.57 0.00	57.93 5.61 0.00	54.72 5.22 0.00	53.81 4.77 0.00	56.68 4.85 0.00	69.24 6.01 0.00	78.42 6.78 0.00	96.82 9.70 0.00	74.33 8.25 0.00	96.30 11.51 0.00	85.77 10.64 0.00	73.08 9.19 0.00	90.41 11.68 0.00	92.97 12.83 0.00	100.89 13.24 0.00	76.66 8.95 0.00	89.84 10.87 0.00	71.17 7.70 0.00	56.19 5.62 0.00
REVERE_CPPR_DRP 24186	59.01 2.09 -1.23	52.26 1.68 0.00	44.57 1.31 0.00	39.12 1.07 0.00	38.43 1.09 0.00	42.85 1.45 0.00	54.39 2.02 -0.05	51.45 1.95 0.00	50.77 1.72 0.00	53.54 1.71 0.00	65.18 1.94 0.00	73.80 2.16 0.00	89.96 2.84 0.00	68.29 2.20 0.00	87.73 2.94 0.00	77.81 2.68 0.00	66.47 2.59 0.00	82.45 3.72 0.00	84.97 4.59 -0.25	95.55 6.02 -1.87	73.64 4.44 -1.50	85.37 4.54 -1.87	81.77 3.33 -14.98	58.47 2.49 -5.41
REYNLDPA_13_KV_LD 356490	54.81 1.07 1.96	51.43 0.85 0.00	44.02 0.76 0.00	38.76 0.71 0.00	38.01 0.66 0.00	42.18 0.77 0.00	53.44 1.12 0.00	50.66 1.16 0.00	50.19 1.15 0.00	53.11 1.28 0.00	64.72 1.48 0.00	73.25 1.61 0.00	88.78 1.66 0.00	66.99 0.91 0.00	85.66 0.87 0.00	75.35 0.22 0.00	63.68 -0.20 0.00	78.40 -0.34 0.00	79.57 -0.57 0.00	86.97 -0.69 0.00	66.97 -0.74 0.00	79.31 0.34 0.00	46.88 0.66 17.24	43.37 0.34 7.54
REYNOLDS_115KV_TB3 80639	56.61 0.92 0.00	51.64 1.06 0.00	44.35 1.10 0.00	39.04 0.99 0.00	38.31 0.97 0.00	42.40 0.99 0.00	53.34 1.03 0.00	50.31 0.81 0.00	49.59 0.55 0.00	52.11 0.28 0.00	63.42 0.18 0.00	71.49 -0.15 0.00	87.04 -0.08 0.00	65.87 -0.22 0.00	84.63 -0.16 0.00	75.57 0.44 0.00	64.40 0.52 0.00	79.36 0.63 0.00	80.84 0.70 0.00	88.09 0.44 0.00	67.75 0.04 0.00	78.88 -0.09 0.00	63.10 -0.37 0.00	50.42 -0.16 0.00
RIVERBAY____ 323610	58.26 2.57 0.00	53.09 2.51 0.00	45.48 2.22 0.00	40.01 1.97 0.00	39.31 1.97 0.00	43.51 2.10 0.00	54.70 2.38 0.00	52.14 2.64 0.00	51.90 2.86 0.00	54.62 2.79 0.00	66.35 3.12 0.00	74.66 3.02 0.00	90.51 3.39 0.00	69.62 3.54 0.00	89.44 4.66 0.00	80.33 5.20 0.00	69.36 5.48 0.00	85.31 6.57 0.00	86.27 6.13 0.00	93.73 6.07 0.00	71.34 3.63 0.00	82.26 3.30 0.00	65.63 2.17 0.00	52.84 2.26 0.00
RIVERSDE_115KV_TB3 55908	56.72 1.03 0.00	51.74 1.16 0.00	44.41 1.15 0.00	39.09 1.04 0.00	38.36 1.02 0.00	42.46 1.06 0.00	53.44 1.13 0.00	50.42 0.92 0.00	49.72 0.68 0.00	52.29 0.46 0.00	63.64 0.40 0.00	71.74 0.10 0.00	87.34 0.22 0.00	65.93 -0.15 0.00	84.68 -0.11 0.00	75.62 0.49 0.00	64.44 0.56 0.00	79.27 0.53 0.00	80.76 0.62 0.00	88.00 0.35 0.00	67.67 -0.04 0.00	78.74 -0.22 0.00	62.96 -0.50 0.00	50.30 -0.28 0.00
ROARING___BROOK_WT_PWR 323790	55.15 -0.54 0.00	50.01 -0.58 0.00	42.71 -0.54 0.00	37.61 -0.44 0.00	36.98 -0.36 0.00	41.05 -0.36 0.00	51.97 -0.34 0.00	49.25 -0.25 0.00	48.93 -0.11 0.00	51.90 0.06 0.00	63.33 0.10 0.00	71.63 -0.01 0.00	87.01 -0.11 0.00	65.91 -0.18 0.00	84.46 -0.33 0.00	74.73 -0.40 0.00	63.51 -0.37 0.00	78.26 -0.48 0.00	79.65 -0.48 0.00	87.15 -0.50 0.00	67.33 -0.38 0.00	78.55 -0.42 0.00	60.20 -0.45 2.82	49.50 -0.60 0.48

ROCHESRG_115KV_T4 355643	56.45 0.76 0.00	50.63 0.05 0.00	42.65 -0.61 0.00	37.37 -0.67 0.00	36.65 -0.69 0.00	40.85 -0.55 0.00	52.06 -0.25 0.00	49.50 0.00 0.00	49.80 0.75 0.00	53.50 1.67 0.00	65.67 2.44 0.00	75.75 4.11 0.00	94.11 5.44 -1.55	103.88 3.65 -34.14	110.18 4.52 -20.87	81.89 4.21 -2.55	66.49 2.61 0.00	81.86 3.12 0.00	84.19 4.05 0.00	93.58 5.92 0.00	72.12 4.41 0.00	83.05 4.09 0.00	66.88 3.41 0.00	52.93 2.36 0.00
ROCHESTER_9_IC 23652	56.94 1.25 0.00	51.11 0.53 0.00	42.97 -0.29 0.00	37.63 -0.42 0.00	36.90 -0.44 0.00	41.13 -0.27 0.00	52.43 0.12 0.00	49.86 0.36 0.00	50.17 1.13 0.00	53.93 2.10 0.00	66.23 2.99 0.00	76.44 4.80 0.00	95.29 6.38 -1.79	109.88 4.38 -39.41	114.37 5.49 -24.09	83.18 5.11 -2.94	67.24 3.35 0.00	82.81 4.07 0.00	85.24 5.11 0.00	94.74 7.09 0.00	72.94 5.23 0.00	83.94 4.97 0.00	67.51 4.05 0.00	53.40 2.83 0.00
ROCKVIEW_13_KV_LD 356306	56.86 1.17 0.00	51.84 1.27 0.00	44.35 1.10 0.00	38.99 0.95 0.00	38.30 0.96 0.00	42.38 0.98 0.00	53.24 0.93 0.00	50.59 1.09 0.00	50.30 1.26 0.00	53.08 1.24 0.00	64.86 1.62 0.00	73.04 1.40 0.00	88.75 1.63 0.00	67.95 1.87 0.00	87.52 2.73 0.00	78.63 3.50 0.00	67.67 3.79 0.00	83.26 4.53 0.00	84.32 4.19 0.00	91.52 3.86 0.00	69.81 2.10 0.00	80.49 1.53 0.00	64.15 0.69 0.00	51.57 0.99 0.00
ROME____115KV_TB2 80656	59.01 2.09 -1.23	52.26 1.68 0.00	44.57 1.31 0.00	39.12 1.07 0.00	38.43 1.09 0.00	42.85 1.45 0.00	54.39 2.02 -0.05	51.45 1.95 0.00	50.77 1.72 0.00	53.54 1.71 0.00	65.18 1.94 0.00	73.80 2.16 0.00	89.96 2.84 0.00	68.29 2.20 0.00	87.73 2.94 0.00	77.81 2.68 0.00	66.47 2.59 0.00	82.45 3.72 0.00	84.97 4.59 -0.25	95.55 6.02 -1.87	73.64 4.44 -1.50	85.37 4.54 -1.87	81.77 3.33 -14.98	58.47 2.49 -5.41
ROSETON___1 23587	56.18 0.49 0.00	51.24 0.66 0.00	43.87 0.61 0.00	38.59 0.54 0.00	37.90 0.56 0.00	41.92 0.52 0.00	52.71 0.39 0.00	49.95 0.45 0.00	49.56 0.52 0.00	52.24 0.41 0.00	63.75 0.51 0.00	71.84 0.20 0.00	87.27 0.15 0.00	66.71 0.62 0.00	85.83 1.05 0.00	76.95 1.82 0.00	66.12 2.24 0.00	81.42 2.68 0.00	82.58 2.44 0.00	89.78 2.13 0.00	68.64 0.93 0.00	79.36 0.40 0.00	63.40 -0.07 0.00	50.92 0.35 0.00
ROSETON___2 23588	56.18 0.49 0.00	51.24 0.66 0.00	43.87 0.61 0.00	38.59 0.54 0.00	37.90 0.56 0.00	41.92 0.52 0.00	52.71 0.39 0.00	49.95 0.45 0.00	49.56 0.52 0.00	52.24 0.41 0.00	63.75 0.51 0.00	71.84 0.20 0.00	87.27 0.15 0.00	66.71 0.62 0.00	85.83 1.05 0.00	76.95 1.82 0.00	66.12 2.24 0.00	81.42 2.68 0.00	82.58 2.44 0.00	89.78 2.13 0.00	68.64 0.93 0.00	79.36 0.40 0.00	63.40 -0.07 0.00	50.92 0.35 0.00
ROTTTRDAM_115KV_TB3 80664	56.61 0.91 0.00	51.54 0.96 0.00	44.16 0.91 0.00	38.83 0.78 0.00	38.13 0.78 0.00	42.23 0.83 0.00	53.26 0.94 0.00	50.25 0.75 0.00	49.55 0.51 0.00	52.16 0.32 0.00	63.56 0.32 0.00	71.85 0.21 0.00	87.48 0.36 0.00	66.59 0.51 0.00	85.61 0.83 0.00	76.25 1.13 0.00	65.14 1.26 0.00	80.52 1.79 0.00	82.21 2.07 0.00	89.99 2.34 0.00	69.27 1.56 0.00	80.52 1.55 0.00	64.44 0.98 0.00	51.37 0.80 0.00
RUSSELL___1 23602	57.39 1.70 0.00	51.49 0.91 0.00	43.23 -0.02 0.00	37.85 -0.19 0.00	37.12 -0.22 0.00	41.39 -0.02 0.00	52.76 0.45 0.00	50.16 0.66 0.00	50.49 1.45 0.00	54.32 2.49 0.00	66.74 3.50 0.00	77.10 5.46 0.00	96.13 7.22 -1.79	110.58 5.08 -39.41	115.26 6.38 -24.09	84.01 5.93 -2.94	67.96 4.07 0.00	83.75 5.02 0.00	86.28 6.14 0.00	95.84 8.18 0.00	73.69 5.98 0.00	84.79 5.82 0.00	68.12 4.65 0.00	53.82 3.24 0.00
RUSSELL___2 23532	57.39 1.70 0.00	51.49 0.91 0.00	43.23 -0.02 0.00	37.85 -0.19 0.00	37.12 -0.22 0.00	41.39 -0.02 0.00	52.76 0.45 0.00	50.16 0.66 0.00	50.49 1.45 0.00	54.32 2.49 0.00	66.74 3.50 0.00	77.10 5.46 0.00	96.13 7.22 -1.79	110.58 5.08 -39.41	115.26 6.38 -24.09	84.01 5.93 -2.94	67.96 4.07 0.00	83.75 5.02 0.00	86.28 6.14 0.00	95.84 8.18 0.00	73.69 5.98 0.00	84.79 5.82 0.00	68.12 4.65 0.00	53.82 3.24 0.00
RUSSELL___3 23549	57.39 1.70 0.00	51.49 0.91 0.00	43.23 -0.02 0.00	37.85 -0.19 0.00	37.12 -0.22 0.00	41.39 -0.02 0.00	52.76 0.45 0.00	50.16 0.66 0.00	50.49 1.45 0.00	54.32 2.49 0.00	66.74 3.50 0.00	77.10 5.46 0.00	96.13 7.22 -1.79	110.58 5.08 -39.41	115.26 6.38 -24.09	84.01 5.93 -2.94	67.96 4.07 0.00	83.75 5.02 0.00	86.28 6.14 0.00	95.84 8.18 0.00	73.69 5.98 0.00	84.79 5.82 0.00	68.12 4.65 0.00	53.82 3.24 0.00
RUSSELL___4 23556	57.39 1.70 0.00	51.49 0.91 0.00	43.23 -0.02 0.00	37.85 -0.19 0.00	37.12 -0.22 0.00	41.39 -0.02 0.00	52.76 0.45 0.00	50.16 0.66 0.00	50.49 1.45 0.00	54.32 2.49 0.00	66.74 3.50 0.00	77.10 5.46 0.00	96.13 7.22 -1.79	110.58 5.08 -39.41	115.26 6.38 -24.09	84.01 5.93 -2.94	67.96 4.07 0.00	83.75 5.02 0.00	86.28 6.14 0.00	95.84 8.18 0.00	73.69 5.98 0.00	84.79 5.82 0.00	68.12 4.65 0.00	53.82 3.24 0.00
RUSSELL___STATION 23914	57.39 1.70 0.00	51.49 0.91 0.00	43.23 -0.02 0.00	37.85 -0.19 0.00	37.12 -0.22 0.00	41.39 -0.02 0.00	52.76 0.45 0.00	50.16 0.66 0.00	50.49 1.45 0.00	54.32 2.49 0.00	66.74 3.50 0.00	77.10 5.46 0.00	96.13 7.22 -1.79	110.58 5.08 -39.41	115.26 6.38 -24.09	84.01 5.93 -2.94	67.96 4.07 0.00	83.75 5.02 0.00	86.28 6.14 0.00	95.84 8.18 0.00	73.69 5.98 0.00	84.79 5.82 0.00	68.12 4.65 0.00	53.82 3.24 0.00
S SALMON___HYD 24043	57.27 0.16 -1.42	50.32 -0.26 0.00	42.77 -0.49 0.00	37.54 -0.50 0.00	36.95 -0.40 0.00	41.18 -0.23 0.00	52.62 0.07 -0.22	49.69 0.19 0.00	49.35 0.31 0.00	52.15 0.32 0.00	64.60 1.37 0.00	73.16 1.51 0.00	88.82 1.70 0.00	66.52 0.44 0.00	85.12 0.33 0.00	75.47 0.34 0.00	64.02 0.14 0.00	79.24 0.50 0.00	82.52 1.30 -1.09	98.40 2.55 -8.20	76.19 1.93 -6.55	88.88 1.76 -8.15	82.99 1.48 -18.05	57.39 0.55 -6.27
S.PERRY__115KV_TB1 80734	56.56 0.87 0.00	50.54 -0.04 0.00	42.46 -0.79 0.00	37.22 -0.82 0.00	36.54 -0.81 0.00	40.78 -0.63 0.00	52.24 -0.08 0.00	49.60 0.10 0.00	49.41 0.37 0.00	52.80 0.97 0.00	64.80 1.56 0.00	74.09 2.46 0.00	90.42 2.26 -1.04	89.16 0.15 -22.93	98.93 0.13 -14.02	77.47 0.62 -1.71	64.07 0.19 0.00	79.07 0.33 0.00	81.50 1.37 0.00	91.85 4.19 0.00	71.60 3.89 0.00	81.69 2.73 0.00	68.35 4.88 0.00	53.58 3.00 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	56.52 0.83 0.00	50.37 -0.21 0.00	42.06 -1.20 0.00	36.80 -1.24 0.00	36.10 -1.25 0.00	40.32 -1.08 0.00	51.69 -0.63 0.00	49.23 -0.27 0.00	50.01 0.97 0.00	54.25 2.41 0.00	66.66 3.42 0.00	77.50 5.86 0.00	95.39 7.48 -0.78	87.82 4.57 -17.17	100.81 5.53 -10.49	81.46 5.05 -1.28	66.68 2.80 0.00	81.91 3.18 0.00	84.37 4.23 0.00	94.58 6.92 0.00	73.00 5.29 0.00	83.69 4.72 0.00	67.89 4.43 0.00	53.80 3.23 0.00

SAWYER___23_KV_LOAD 55526	56.52 0.83 0.00	50.37 -0.21 0.00	42.06 -1.20 0.00	36.80 -1.24 0.00	36.10 -1.25 0.00	40.32 -1.08 0.00	51.69 -0.63 0.00	49.23 -0.27 0.00	50.01 0.97 0.00	54.25 2.41 0.00	66.66 3.42 0.00	77.50 5.86 0.00	95.39 7.48 -0.78	87.82 4.57 -17.17	100.81 5.53 -10.49	81.46 5.05 -1.28	66.68 2.80 0.00	81.91 3.18 0.00	84.37 4.23 0.00	94.58 6.92 0.00	73.00 5.29 0.00	83.69 4.72 0.00	67.89 4.43 0.00	53.80 3.23 0.00
SELKIRK___I 23801	55.41 -0.28 0.00	50.61 0.03 0.00	43.47 0.22 0.00	38.26 0.21 0.00	37.57 0.23 0.00	41.60 0.19 0.00	52.35 0.03 0.00	49.32 -0.18 0.00	48.52 -0.52 0.00	51.00 -0.83 0.00	62.10 -1.14 0.00	69.97 -1.67 0.00	85.09 -2.03 0.00	64.33 -1.75 0.00	82.64 -2.14 0.00	73.62 -1.51 0.00	62.73 -1.16 0.00	77.22 -1.51 0.00	78.82 -1.32 0.00	86.14 -1.51 0.00	66.36 -1.35 0.00	77.27 -1.70 0.00	61.87 -1.59 0.00	49.45 -1.12 0.00
SELKIRK___II 23799	55.82 0.12 0.00	50.95 0.37 0.00	43.73 0.48 0.00	38.48 0.44 0.00	37.78 0.44 0.00	41.82 0.41 0.00	52.65 0.33 0.00	49.66 0.16 0.00	48.98 -0.06 0.00	51.52 -0.32 0.00	62.75 -0.49 0.00	70.74 -0.90 0.00	85.99 -1.13 0.00	64.98 -1.10 0.00	83.45 -1.34 0.00	74.39 -0.74 0.00	63.43 -0.45 0.00	78.02 -0.72 0.00	79.49 -0.64 0.00	86.70 -0.96 0.00	66.73 -0.98 0.00	77.65 -1.32 0.00	62.16 -1.31 0.00	49.72 -0.86 0.00
SENECA OSWGO___HYD 24041	54.90 -0.79 0.00	49.68 -0.90 0.00	42.32 -0.93 0.00	37.20 -0.85 0.00	36.50 -0.84 0.00	40.51 -0.90 0.00	51.62 -1.03 -0.34	48.62 -0.88 0.00	48.34 -0.70 0.00	51.09 -0.74 0.00	63.97 0.74 0.00	72.83 1.19 0.00	87.98 0.85 0.00	65.69 -0.39 0.00	84.35 -0.44 0.00	74.92 -0.21 0.00	63.75 -0.14 0.00	78.72 -0.02 0.00	82.19 0.40 -1.64	101.00 0.92 -12.42	78.11 0.49 -9.91	91.33 0.01 -12.35	68.33 -0.24 -5.10	50.82 -0.38 -0.63
SENECA___115KV_TB3 355854	56.86 1.17 0.00	50.68 0.10 0.00	42.30 -0.96 0.00	37.04 -1.01 0.00	36.34 -1.00 0.00	40.58 -0.83 0.00	52.03 -0.29 0.00	49.57 0.07 0.00	50.35 1.31 0.00	54.60 2.77 0.00	67.14 3.90 0.00	78.03 6.39 0.00	96.09 8.19 -0.78	88.54 5.22 -17.23	101.76 6.44 -10.54	82.28 5.87 -1.29	67.51 3.63 0.00	83.05 4.32 0.00	85.57 5.43 0.00	95.91 8.26 0.00	73.92 6.20 0.00	84.56 5.59 0.00	68.50 5.03 0.00	54.18 3.60 0.00
SENECA___ENERGY 23797	55.97 0.28 0.00	50.46 -0.12 0.00	42.80 -0.46 0.00	37.55 -0.50 0.00	36.86 -0.48 0.00	41.00 -0.40 0.00	52.14 -0.31 -0.14	49.45 -0.05 0.00	49.14 0.10 0.00	52.28 0.45 0.00	64.03 0.80 0.00	73.29 1.65 0.00	89.08 2.34 0.37	59.82 1.93 8.19	82.15 2.36 5.00	76.90 2.38 0.61	65.69 1.80 0.00	81.12 2.38 0.00	84.16 3.36 -0.66	97.68 5.05 -4.98	75.24 3.55 -3.97	86.86 2.94 -4.95	66.22 2.17 -0.58	51.94 1.36 0.00
SHOEMAKER___GT 23640	56.25 0.56 0.00	51.25 0.67 0.00	43.85 0.59 0.00	38.57 0.53 0.00	37.88 0.54 0.00	41.91 0.50 0.00	52.75 0.43 0.00	49.96 0.46 0.00	49.51 0.47 0.00	52.17 0.34 0.00	63.66 0.42 0.00	71.83 0.19 0.00	87.34 0.22 0.00	66.69 0.61 0.00	85.83 1.04 0.00	76.85 1.72 0.00	66.03 2.15 0.00	81.42 2.68 0.00	82.82 2.68 0.00	90.29 2.64 0.00	69.09 1.38 0.00	79.87 0.90 0.00	63.79 0.33 0.00	51.09 0.52 0.00
SHOEMAKR_138KV_BK 111 55601	56.20 0.51 0.00	51.20 0.62 0.00	43.81 0.56 0.00	38.54 0.50 0.00	37.85 0.51 0.00	41.88 0.47 0.00	52.71 0.39 0.00	49.94 0.44 0.00	49.50 0.46 0.00	52.18 0.35 0.00	63.69 0.46 0.00	71.86 0.22 0.00	87.37 0.25 0.00	66.74 0.66 0.00	85.85 1.07 0.00	76.90 1.77 0.00	66.05 2.16 0.00	81.42 2.69 0.00	82.79 2.65 0.00	90.21 2.55 0.00	69.01 1.30 0.00	79.77 0.80 0.00	63.72 0.25 0.00	51.04 0.47 0.00
SHOREHAM_IC_1 23715	55.97 0.28 0.00	50.91 0.33 0.00	43.57 0.31 0.00	38.31 0.26 0.00	37.67 0.33 0.00	41.41 0.00 0.00	51.61 -0.70 0.00	48.88 -0.62 0.00	48.86 -0.18 0.00	52.14 0.31 0.00	65.68 2.45 0.00	73.04 1.40 0.00	86.82 0.40 0.70	67.18 1.10 0.00	91.75 2.44 -4.53	182.22 3.96 -103.13	211.06 4.39 -142.78	202.13 4.81 -118.59	174.94 4.06 -90.75	94.76 3.20 -3.90	69.11 1.49 0.09	79.71 0.74 0.00	63.15 -0.31 0.00	51.66 1.09 0.00
SHOREHAM_IC_2 23716	55.97 0.28 0.00	50.91 0.33 0.00	43.56 0.31 0.00	38.31 0.26 0.00	37.65 0.31 0.00	41.40 0.00 0.00	51.61 -0.70 0.00	48.88 -0.62 0.00	48.86 -0.18 0.00	52.15 0.31 0.00	65.69 2.45 0.00	73.02 1.39 0.00	86.82 0.40 0.70	67.18 1.10 0.00	91.77 2.46 -4.53	182.25 3.99 -103.13	211.05 4.39 -142.78	202.13 4.81 -118.59	174.99 4.10 -90.75	94.88 3.32 -3.90	69.12 1.49 0.09	79.72 0.75 0.00	63.16 -0.30 0.00	51.67 1.09 0.00
SISSONVILLE____ 23735	72.10 1.89 -14.51	51.99 1.41 0.00	44.45 1.20 0.00	39.13 1.08 0.00	38.41 1.07 0.00	42.74 1.34 0.00	54.32 1.98 -0.03	51.43 1.93 0.00	50.79 1.75 0.00	53.65 1.82 0.00	65.36 2.12 0.00	73.90 2.26 0.00	89.60 2.48 0.00	67.39 1.30 0.00	85.20 0.42 0.00	74.30 -0.83 0.00	62.58 -1.31 0.00	77.23 -1.51 0.00	78.91 -1.37 -0.14	87.79 -0.93 -1.06	68.46 -0.10 -0.85	80.83 0.80 -1.06	240.20 2.27 -174.47	116.24 1.75 -63.92
SITHE_IND_GS1 24169	54.05 -1.64 0.00	48.96 -1.62 0.00	41.76 -1.50 0.00	36.71 -1.34 0.00	36.02 -1.32 0.00	39.97 -1.44 0.00	49.57 -1.77 0.98	47.89 -1.61 0.00	47.58 -1.46 0.00	50.39 -1.44 0.00	61.56 -1.67 0.00	70.00 -1.64 0.00	85.22 -1.90 0.00	64.65 -1.43 0.00	82.95 -1.84 0.00	73.65 -1.48 0.00	62.57 -1.31 0.00	77.16 -1.57 0.00	74.06 -1.28 4.79	50.45 -0.97 36.23	37.86 -0.93 28.92	41.45 -1.49 36.03	57.91 -1.33 4.22	49.42 -1.15 0.00
SITHE_IND_GS2 24170	54.05 -1.64 0.00	48.96 -1.62 0.00	41.76 -1.50 0.00	36.71 -1.34 0.00	36.02 -1.32 0.00	39.97 -1.44 0.00	49.57 -1.77 0.98	47.89 -1.61 0.00	47.58 -1.46 0.00	50.39 -1.44 0.00	61.56 -1.67 0.00	70.00 -1.64 0.00	85.22 -1.90 0.00	64.65 -1.43 0.00	82.95 -1.84 0.00	73.65 -1.48 0.00	62.57 -1.31 0.00	77.16 -1.57 0.00	74.06 -1.28 4.79	50.45 -0.97 36.23	37.86 -0.93 28.92	41.45 -1.49 36.03	57.91 -1.33 4.22	49.42 -1.15 0.00
SITHE_IND_GS3 24171	54.05 -1.64 0.00	48.96 -1.62 0.00	41.76 -1.50 0.00	36.71 -1.34 0.00	36.02 -1.32 0.00	39.97 -1.44 0.00	49.57 -1.77 0.98	47.89 -1.61 0.00	47.58 -1.46 0.00	50.39 -1.44 0.00	61.56 -1.67 0.00	70.00 -1.64 0.00	85.22 -1.90 0.00	64.65 -1.43 0.00	82.95 -1.84 0.00	73.65 -1.48 0.00	62.57 -1.31 0.00	77.16 -1.57 0.00	74.06 -1.28 4.79	50.45 -0.97 36.23	37.86 -0.93 28.92	41.45 -1.49 36.03	57.91 -1.33 4.22	49.42 -1.15 0.00
SITHE_IND_GS4 24172	54.05 -1.64 0.00	48.96 -1.62 0.00	41.76 -1.50 0.00	36.71 -1.34 0.00	36.02 -1.32 0.00	39.97 -1.44 0.00	49.57 -1.77 0.98	47.89 -1.61 0.00	47.58 -1.46 0.00	50.39 -1.44 0.00	61.56 -1.67 0.00	70.00 -1.64 0.00	85.22 -1.90 0.00	64.65 -1.43 0.00	82.95 -1.84 0.00	73.65 -1.48 0.00	62.57 -1.31 0.00	77.16 -1.57 0.00	74.06 -1.28 4.79	50.45 -0.97 36.23	37.86 -0.93 28.92	41.45 -1.49 36.03	57.91 -1.33 4.22	49.42 -1.15 0.00

SITHE___BATAVIA 24024	58.17 2.48 0.00	51.85 1.27 0.00	43.37 0.11 0.00	37.93 -0.11 0.00	37.21 -0.14 0.00	41.59 0.18 0.00	53.28 0.96 0.00	50.69 1.20 0.00	51.15 2.11 0.00	54.98 3.15 0.00	66.86 3.62 0.00	77.07 5.43 0.00	95.79 7.26 -1.41	101.83 4.66 -31.09	109.54 5.75 -19.00	82.97 5.52 -2.33	67.17 3.29 0.00	83.09 4.36 0.00	86.06 5.93 0.00	96.51 8.85 0.00	74.54 6.83 0.00	85.33 6.36 0.00	69.01 5.54 0.00	55.35 4.78 0.00
SITHE___INDEPEND 23800	54.05 -1.64 0.00	48.96 -1.62 0.00	41.76 -1.50 0.00	36.70 -1.34 0.00	36.02 -1.32 0.00	39.97 -1.44 0.00	49.57 -1.77 0.98	47.89 -1.61 0.00	47.58 -1.46 0.00	50.39 -1.45 0.00	61.56 -1.68 0.00	70.00 -1.64 0.00	85.22 -1.90 0.00	64.64 -1.44 0.00	82.95 -1.84 0.00	73.65 -1.48 0.00	62.57 -1.31 0.00	77.16 -1.57 0.00	74.06 -1.28 4.79	50.44 -0.99 36.23	37.86 -0.93 28.92	41.45 -1.49 36.03	57.91 -1.33 4.22	49.42 -1.16 0.00
SITHE___MASSENA 23902	78.17 1.43 -21.05	51.68 1.10 0.00	44.22 0.97 0.00	38.93 0.89 0.00	38.19 0.85 0.00	42.40 1.00 0.00	53.75 1.43 0.00	50.92 1.41 0.00	50.41 1.37 0.00	53.33 1.49 0.00	64.97 1.73 0.00	73.53 1.88 0.00	89.06 1.94 0.00	67.11 1.02 0.00	85.35 0.57 0.00	75.07 -0.06 0.00	63.44 -0.44 0.00	78.13 -0.61 0.00	79.35 -0.78 0.00	86.88 -0.77 0.00	67.50 -0.21 0.00	79.43 0.46 0.00	152.78 1.39 -87.93	116.04 1.10 -64.36
SITHE___OGDNSBRG 24021	75.78 3.03 -17.05	53.05 2.47 0.00	45.38 2.12 0.00	39.96 1.92 0.00	39.21 1.87 0.00	43.59 2.19 0.00	55.35 3.04 0.00	52.22 2.72 0.00	51.23 2.19 0.00	53.88 2.05 0.00	65.57 2.33 0.00	74.14 2.50 0.00	89.80 2.68 0.00	67.63 1.55 0.00	85.84 1.06 0.00	75.24 0.11 0.00	63.40 -0.48 0.00	78.30 -0.43 0.00	80.12 -0.02 0.00	88.90 1.25 0.00	69.54 1.83 0.00	81.93 2.96 0.00	252.28 3.58 -185.23	125.02 2.71 -71.73
SITHE___STERLING 23777	57.99 1.48 -0.82	51.77 1.19 0.00	44.14 0.89 0.00	38.77 0.72 0.00	38.08 0.74 0.00	42.36 0.96 0.00	53.72 1.35 -0.06	50.79 1.29 0.00	50.16 1.12 0.00	52.89 1.06 0.00	64.29 1.06 0.00	72.71 1.07 0.00	88.68 1.55 0.00	67.38 1.29 0.00	86.59 1.80 0.00	76.92 1.79 0.00	65.65 1.77 0.00	81.27 2.54 0.00	83.62 3.21 -0.27	94.02 4.32 -2.05	72.50 3.16 -1.64	84.06 3.06 -2.04	75.73 2.17 -10.09	55.97 1.78 -3.61
SLEIGHT__34_KV_TB1 80719	56.20 0.51 0.00	50.51 -0.07 0.00	42.69 -0.57 0.00	37.41 -0.63 0.00	36.72 -0.62 0.00	40.91 -0.50 0.00	52.08 -0.28 -0.04	49.43 -0.07 0.00	49.41 0.37 0.00	52.80 0.97 0.00	64.76 1.52 0.00	74.42 2.79 0.00	89.66 3.82 1.28	40.69 2.77 28.16	70.98 3.41 17.22	76.33 3.31 2.10	66.13 2.25 0.00	81.59 2.85 0.00	84.17 3.83 -0.20	94.73 5.57 -1.50	72.92 4.00 -1.20	84.09 3.63 -1.50	66.36 2.72 -0.18	52.34 1.76 0.00
SMITHTWN_69_KV_BK 1 55830	56.75 1.06 0.00	51.62 1.04 0.00	44.12 0.86 0.00	38.78 0.73 0.00	38.10 0.75 0.00	41.99 0.58 0.00	52.36 0.05 0.00	49.53 0.03 0.00	49.47 0.43 0.00	52.71 0.88 0.00	66.14 2.90 0.00	73.52 1.88 0.00	86.61 0.84 1.35	67.45 1.37 0.00	94.63 2.82 -7.02	239.53 4.26 -160.15	274.59 4.63 -206.08	251.64 5.01 -167.90	230.47 4.53 -145.80	97.98 3.65 -6.68	69.28 1.65 0.09	79.75 0.78 0.00	63.34 -0.13 0.00	52.02 1.44 0.00
SOUTH CAIRO___GT 23612	58.36 2.66 0.00	53.10 2.52 0.00	45.50 2.24 0.00	40.00 1.96 0.00	39.25 1.91 0.00	43.52 2.12 0.00	54.85 2.54 0.00	51.73 2.23 0.00	50.65 1.61 0.00	52.85 1.02 0.00	64.37 1.14 0.00	72.39 0.75 0.00	88.23 1.11 0.00	66.64 0.56 0.00	85.73 0.94 0.00	76.58 1.45 0.00	65.43 1.54 0.00	81.07 2.34 0.00	83.53 3.40 0.00	92.02 4.37 0.00	70.83 3.12 0.00	82.20 3.23 0.00	65.42 1.96 0.00	51.90 1.33 0.00
SOUTH HAMPTN___IC 23720	56.96 1.27 0.00	51.81 1.23 0.00	44.25 0.99 0.00	38.88 0.84 0.00	38.25 0.90 0.00	42.07 0.66 0.00	52.49 0.17 0.00	49.73 0.23 0.00	49.84 0.80 0.00	53.31 1.48 0.00	67.21 3.97 0.00	74.86 3.22 0.00	89.31 2.83 0.64	68.93 2.85 0.00	93.76 4.64 -4.33	179.90 5.99 -98.78	208.21 5.91 -138.41	200.73 6.59 -115.40	172.40 5.80 -86.46	95.99 4.65 -3.68	70.21 2.59 0.09	80.89 1.92 0.00	63.91 0.44 0.00	52.28 1.70 0.00
SOUTHDOW_115KV_TB1 355954	56.88 1.19 0.00	50.71 0.13 0.00	42.30 -0.96 0.00	37.01 -1.04 0.00	36.43 -0.91 0.00	40.83 -0.57 0.00	52.58 0.26 0.00	50.48 0.98 0.00	51.26 2.22 0.00	55.56 3.73 0.00	68.43 5.20 0.00	79.43 7.79 0.00	96.49 8.67 -0.70	87.47 5.99 -15.41	101.68 7.48 -9.42	83.04 6.76 -1.15	68.68 4.80 0.00	84.58 5.84 0.00	87.27 7.13 0.00	97.91 10.25 0.00	75.03 7.32 0.00	85.51 6.54 0.00	69.66 6.19 0.00	54.68 4.11 0.00
SOUTHOLD_69_KV_BK 2 55809	57.91 2.22 0.00	52.69 2.11 0.00	44.90 1.64 0.00	39.41 1.37 0.00	38.76 1.42 0.00	42.66 1.26 0.00	53.29 0.97 0.00	50.50 1.01 0.00	50.80 1.76 0.00	54.39 2.56 0.00	68.59 5.36 0.00	76.44 4.80 0.00	91.52 5.04 0.64	70.30 4.22 0.00	94.25 5.12 -4.34	180.52 6.58 -98.83	208.40 6.07 -138.45	200.82 6.67 -115.41	172.30 5.64 -86.52	95.38 4.04 -3.69	70.45 2.82 0.09	81.64 2.68 0.00	64.22 0.76 0.00	52.54 1.97 0.00
SOUTHOLD___IC 23719	57.91 2.22 0.00	52.69 2.10 0.00	44.90 1.64 0.00	39.41 1.36 0.00	38.78 1.44 0.00	42.66 1.26 0.00	53.29 0.97 0.00	50.50 1.00 0.00	50.80 1.76 0.00	54.39 2.56 0.00	68.59 5.35 0.00	76.46 4.82 0.00	91.52 5.04 0.64	70.30 4.22 0.00	94.25 5.12 -4.34	180.52 6.56 -98.83	208.40 6.07 -138.45	200.82 6.67 -115.41	172.25 5.59 -86.52	95.29 3.94 -3.69	70.43 2.81 0.09	81.64 2.67 0.00	64.22 0.76 0.00	52.55 1.97 0.00
SOUTH_FORK_WT_PWR 323839	57.86 2.17 0.00	52.69 2.11 0.00	44.86 1.61 0.00	39.35 1.30 0.00	38.74 1.40 0.00	42.59 1.19 0.00	53.23 0.91 0.00	50.42 0.91 0.00	50.77 1.73 0.00	54.34 2.51 0.00	68.54 5.30 0.00	76.32 4.68 0.00	91.42 4.94 0.64	70.19 4.10 0.00	95.05 5.93 -4.34	181.21 7.27 -98.80	208.71 6.40 -138.43	201.10 6.96 -115.41	172.34 5.72 -86.49	95.13 3.79 -3.69	69.83 2.21 0.09	80.56 1.60 0.00	63.25 -0.21 0.00	51.92 1.35 0.00
SPIERFLS_115KV_TB 1 80737	58.05 2.36 0.00	52.62 2.04 0.00	45.11 1.86 0.00	39.73 1.68 0.00	39.01 1.67 0.00	43.20 1.80 0.00	54.38 2.06 0.00	51.37 1.87 0.00	50.64 1.60 0.00	53.20 1.36 0.00	64.88 1.65 0.00	73.07 1.43 0.00	89.25 2.13 0.00	68.20 2.12 0.00	87.86 3.07 0.00	78.36 3.24 0.00	67.05 3.17 0.00	83.33 4.60 0.00	85.34 5.20 0.00	93.72 6.06 0.00	71.85 4.14 0.00	83.46 4.49 0.00	66.37 2.90 0.00	52.65 2.07 0.00
ST LAWRENCE____ 23600	54.75 0.44 1.38	50.85 0.27 0.00	43.52 0.26 0.00	38.32 0.27 0.00	37.57 0.23 0.00	41.70 0.29 0.00	52.80 0.48 0.00	50.04 0.54 0.00	49.61 0.56 0.00	52.48 0.65 0.00	63.96 0.73 0.00	72.40 0.77 0.00	87.82 0.70 0.00	66.33 0.25 0.00	84.89 0.11 0.00	74.71 -0.42 0.00	63.19 -0.70 0.00	77.78 -0.95 0.00	78.92 -1.22 0.00	86.24 -1.41 0.00	66.89 -0.82 0.00	78.67 -0.30 0.00	48.70 0.23 14.99	44.95 0.20 5.84

STATE_CA_115KV_115_LB 55624	56.97 1.29 0.00	51.94 1.36 0.00	44.57 1.31 0.00	39.22 1.17 0.00	38.50 1.16 0.00	42.63 1.22 0.00	53.66 1.34 0.00	50.65 1.15 0.00	49.96 0.92 0.00	52.58 0.75 0.00	64.04 0.81 0.00	72.23 0.59 0.00	87.93 0.81 0.00	66.27 0.19 0.00	85.18 0.39 0.00	76.06 0.92 0.00	64.82 0.94 0.00	79.67 0.94 0.00	81.19 1.05 0.00	88.49 0.84 0.00	68.01 0.29 0.00	79.09 0.11 0.00	63.20 -0.26 0.00	50.48 -0.10 0.00
STATE_ST_34_KV_LOAD 55959	56.26 0.57 0.00	50.85 0.26 0.00	43.23 -0.03 0.00	37.86 -0.18 0.00	37.27 -0.07 0.00	41.43 0.03 0.00	52.65 0.17 -0.16	49.76 0.26 0.00	49.31 0.27 0.00	52.26 0.43 0.00	63.95 0.71 0.00	72.88 1.25 0.00	88.61 1.49 0.00	67.48 1.40 0.00	86.30 1.51 0.00	76.71 1.58 0.00	65.21 1.32 0.00	80.59 1.85 0.00	83.59 2.69 -0.76	97.74 4.35 -5.74	75.36 3.07 -4.58	87.40 2.73 -5.71	65.97 1.83 -0.67	51.70 1.12 0.00
STATION_5_MISC_HYD 23604	56.94 1.25 0.00	51.11 0.53 0.00	42.97 -0.29 0.00	37.63 -0.42 0.00	36.90 -0.44 0.00	41.13 -0.27 0.00	52.43 0.12 0.00	49.86 0.36 0.00	50.17 1.13 0.00	53.93 2.10 0.00	66.22 2.99 0.00	76.44 4.80 0.00	95.28 6.37 -1.79	109.89 4.40 -39.41	114.38 5.50 -24.09	83.18 5.11 -2.94	67.23 3.35 0.00	82.81 4.07 0.00	85.25 5.11 0.00	94.76 7.11 0.00	72.94 5.23 0.00	83.94 4.98 0.00	67.52 4.06 0.00	53.41 2.83 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	56.34 0.65 0.00	50.65 0.06 0.00	42.80 -0.45 0.00	37.53 -0.51 0.00	36.83 -0.51 0.00	41.00 -0.40 0.00	52.19 -0.17 -0.04	49.59 0.09 0.00	49.62 0.58 0.00	53.11 1.28 0.00	65.13 1.89 0.00	74.89 3.25 0.00	90.62 4.38 0.89	49.75 3.17 19.50	76.84 3.97 11.92	77.46 3.78 1.46	66.50 2.61 0.00	82.04 3.30 0.00	84.63 4.31 -0.18	95.08 6.03 -1.39	73.16 4.33 -1.11	84.25 3.90 -1.39	66.67 3.04 -0.16	52.61 2.03 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	56.51 0.82 0.00	50.68 0.10 0.00	42.70 -0.56 0.00	37.41 -0.63 0.00	36.69 -0.65 0.00	40.89 -0.52 0.00	52.10 -0.22 0.00	49.54 0.04 0.00	49.82 0.78 0.00	53.54 1.70 0.00	65.76 2.52 0.00	75.85 4.21 0.00	97.38 5.66 -4.60	171.12 3.93 -101.11	151.53 4.93 -61.81	87.29 4.61 -7.55	66.89 3.00 0.00	82.40 3.67 0.00	84.77 4.63 0.00	94.11 6.45 0.00	72.42 4.72 0.00	83.36 4.39 0.00	66.99 3.53 0.00	53.00 2.42 0.00
STA_56___34_KV_BUS2 355983	56.51 0.82 0.00	50.68 0.10 0.00	42.70 -0.56 0.00	37.41 -0.63 0.00	36.69 -0.65 0.00	40.89 -0.52 0.00	52.10 -0.22 0.00	49.54 0.04 0.00	49.82 0.78 0.00	53.54 1.70 0.00	65.76 2.52 0.00	75.85 4.21 0.00	97.38 5.66 -4.60	171.12 3.93 -101.11	151.53 4.93 -61.81	87.29 4.61 -7.55	66.89 3.00 0.00	82.40 3.67 0.00	84.77 4.63 0.00	94.11 6.45 0.00	72.42 4.72 0.00	83.36 4.39 0.00	66.99 3.53 0.00	53.00 2.42 0.00
STA_67___115KV_BK2 355882	56.72 1.03 0.00	50.89 0.31 0.00	42.84 -0.42 0.00	37.52 -0.52 0.00	36.79 -0.55 0.00	41.02 -0.39 0.00	52.29 -0.02 0.00	49.71 0.21 0.00	50.02 0.98 0.00	53.76 1.93 0.00	66.00 2.76 0.00	76.15 4.51 0.00	94.85 5.97 -1.76	108.84 4.10 -38.66	113.51 5.09 -23.63	82.75 4.74 -2.89	66.94 3.05 0.00	82.41 3.68 0.00	84.82 4.68 0.00	94.27 6.62 0.00	72.61 4.90 0.00	83.58 4.62 0.00	67.25 3.79 0.00	53.22 2.65 0.00
STA_7___115KV_9TRANS 80674	57.39 1.70 0.00	51.49 0.91 0.00	43.23 -0.02 0.00	37.85 -0.19 0.00	37.12 -0.22 0.00	41.39 -0.02 0.00	52.76 0.45 0.00	50.16 0.66 0.00	50.49 1.45 0.00	54.32 2.49 0.00	66.74 3.50 0.00	77.10 5.46 0.00	96.13 7.22 -1.79	110.58 5.08 -39.41	115.26 6.38 -24.09	84.01 5.93 -2.94	67.96 4.07 0.00	83.75 5.02 0.00	86.28 6.14 0.00	95.84 8.18 0.00	73.69 5.98 0.00	84.79 5.82 0.00	68.12 4.65 0.00	53.82 3.24 0.00
STA_82___115KV_TB1 80780	56.72 1.03 0.00	50.86 0.28 0.00	42.83 -0.43 0.00	37.53 -0.52 0.00	36.81 -0.54 0.00	41.03 -0.38 0.00	52.30 -0.01 0.00	49.71 0.21 0.00	50.02 0.98 0.00	53.76 1.93 0.00	66.00 2.76 0.00	76.14 4.50 0.00	95.04 5.97 -1.95	113.10 4.10 -42.92	116.12 5.10 -26.23	83.07 4.74 -3.21	66.94 3.05 0.00	82.43 3.69 0.00	84.83 4.69 0.00	94.31 6.65 0.00	72.63 4.92 0.00	83.63 4.66 0.00	67.28 3.82 0.00	53.25 2.68 0.00
STEEL___WIND 323596	56.79 1.10 0.00	50.60 0.02 0.00	42.24 -1.01 0.00	37.01 -1.04 0.00	36.32 -1.02 0.00	40.52 -0.89 0.00	51.97 -0.35 0.00	49.51 0.01 0.00	50.27 1.23 0.00	54.53 2.69 0.00	67.03 3.80 0.00	77.90 6.26 0.00	95.92 8.01 -0.78	88.42 5.10 -17.23	101.60 6.28 -10.54	82.15 5.73 -1.29	67.38 3.50 0.00	82.89 4.16 0.00	85.42 5.28 0.00	95.79 8.13 0.00	73.79 6.07 0.00	84.39 5.42 0.00	68.40 4.94 0.00	54.09 3.52 0.00
STEPHTWN_115KV_BK_2 55603	56.82 1.12 0.00	51.72 1.14 0.00	44.37 1.11 0.00	39.01 0.96 0.00	38.35 1.00 0.00	42.46 1.06 0.00	53.59 1.27 0.00	50.70 1.20 0.00	49.88 0.84 0.00	52.44 0.60 0.00	63.89 0.66 0.00	72.05 0.41 0.00	87.64 0.51 0.00	65.85 -0.23 0.00	84.81 0.02 0.00	75.70 0.57 0.00	64.76 0.88 0.00	79.72 0.99 0.00	81.27 1.13 0.00	88.59 0.93 0.00	68.15 0.43 0.00	78.93 -0.04 0.00	63.17 -0.30 0.00	50.33 -0.24 0.00
STEBEN_REC_LFGE 323667	55.61 -0.08 0.00	49.65 -0.93 0.00	41.71 -1.54 0.00	36.70 -1.34 0.00	36.07 -1.27 0.00	40.18 -1.23 0.00	51.53 -0.85 -0.05	49.08 -0.42 0.00	49.34 0.30 0.00	53.14 1.31 0.00	65.20 1.96 0.00	75.15 3.51 0.00	91.90 4.46 -0.32	76.03 2.87 -7.08	92.78 3.67 -4.33	79.26 3.60 -0.53	66.45 2.56 0.00	82.20 3.47 0.00	85.48 5.08 -0.26	97.74 8.09 -2.00	75.19 5.89 -1.59	85.45 4.50 -1.98	67.19 3.49 -0.23	52.61 2.04 0.00
STILLWATER___SOLAR 323814	57.87 2.18 0.00	52.60 2.02 0.00	45.10 1.85 0.00	39.68 1.63 0.00	38.97 1.62 0.00	43.15 1.75 0.00	54.37 2.05 0.00	51.31 1.81 0.00	50.55 1.51 0.00	53.08 1.25 0.00	64.61 1.37 0.00	72.92 1.28 0.00	88.99 1.86 0.00	67.81 1.73 0.00	87.28 2.50 0.00	77.88 2.75 0.00	66.59 2.70 0.00	82.63 3.90 0.00	84.51 4.38 0.00	92.52 4.87 0.00	71.06 3.35 0.00	82.57 3.61 0.00	65.90 2.44 0.00	52.41 1.83 0.00
STONY___BROOK 24151	56.60 0.91 0.00	51.48 0.89 0.00	44.01 0.75 0.00	38.69 0.64 0.00	38.03 0.68 0.00	41.87 0.47 0.00	52.18 -0.14 0.00	49.32 -0.18 0.00	49.26 0.22 0.00	52.51 0.67 0.00	65.91 2.67 0.00	73.25 1.61 0.00	86.65 0.51 0.98	67.10 1.02 0.00	92.72 2.36 -5.57	205.84 3.82 -126.89	236.82 4.22 -168.71	221.83 4.53 -138.57	197.94 4.03 -113.77	95.77 3.05 -5.06	68.89 1.27 0.09	79.37 0.41 0.00	63.07 -0.39 0.00	51.91 1.33 0.00
STURGEON_POOL_HYD 23609	56.37 0.68 0.00	51.42 0.84 0.00	43.99 0.73 0.00	38.68 0.64 0.00	37.99 0.65 0.00	42.02 0.62 0.00	52.90 0.58 0.00	50.16 0.66 0.00	49.76 0.72 0.00	52.46 0.62 0.00	64.16 0.92 0.00	72.16 0.52 0.00	87.73 0.60 0.00	67.19 1.11 0.00	86.49 1.70 0.00	77.58 2.45 0.00	66.80 2.91 0.00	82.31 3.58 0.00	83.52 3.38 0.00	90.75 3.09 0.00	69.39 1.68 0.00	80.12 1.15 0.00	63.90 0.44 0.00	51.27 0.69 0.00

ST_LAW_115_BK7_LBMP 345037	54.27 0.54 1.96	50.91 0.33 0.00	43.59 0.33 0.00	38.38 0.33 0.00	37.63 0.29 0.00	41.76 0.36 0.00	52.90 0.59 0.00	50.12 0.62 0.00	49.67 0.63 0.00	52.55 0.71 0.00	64.03 0.79 0.00	72.46 0.82 0.00	87.85 0.73 0.00	66.34 0.26 0.00	84.82 0.03 0.00	74.61 -0.52 0.00	63.08 -0.81 0.00	77.65 -1.08 0.00	78.77 -1.37 0.00	86.09 -1.57 0.00	66.80 -0.92 0.00	78.62 -0.35 0.00	46.51 0.29 17.24	43.27 0.24 7.54
ST_LAW_115_BK8_LBMP 345038	54.27 0.54 1.96	50.91 0.33 0.00	43.59 0.33 0.00	38.38 0.33 0.00	37.63 0.29 0.00	41.76 0.36 0.00	52.90 0.59 0.00	50.12 0.62 0.00	49.67 0.63 0.00	52.55 0.71 0.00	64.03 0.79 0.00	72.46 0.82 0.00	87.85 0.73 0.00	66.34 0.26 0.00	84.82 0.03 0.00	74.61 -0.52 0.00	63.08 -0.81 0.00	77.65 -1.08 0.00	78.77 -1.37 0.00	86.09 -1.57 0.00	66.80 -0.92 0.00	78.62 -0.35 0.00	46.51 0.29 17.24	43.27 0.24 7.54
ST_LAW_230_BK5_LBMP 345035	54.99 0.44 1.15	50.85 0.27 0.00	43.52 0.26 0.00	38.32 0.27 0.00	37.57 0.23 0.00	41.70 0.29 0.00	52.80 0.48 0.00	50.04 0.54 0.00	49.61 0.56 0.00	52.48 0.65 0.00	63.96 0.73 0.00	72.40 0.77 0.00	87.82 0.70 0.00	66.33 0.25 0.00	84.89 0.11 0.00	74.71 -0.42 0.00	63.19 -0.70 0.00	77.78 -0.95 0.00	78.92 -1.22 0.00	86.24 -1.41 0.00	66.89 -0.82 0.00	78.67 -0.30 0.00	49.93 0.23 13.77	45.74 0.20 5.05
ST_LAW_230_BK6_LBMP 345036	54.99 0.44 1.15	50.85 0.27 0.00	43.52 0.26 0.00	38.32 0.27 0.00	37.57 0.23 0.00	41.70 0.29 0.00	52.80 0.48 0.00	50.04 0.54 0.00	49.61 0.56 0.00	52.48 0.65 0.00	63.96 0.73 0.00	72.40 0.77 0.00	87.82 0.70 0.00	66.33 0.25 0.00	84.89 0.11 0.00	74.71 -0.42 0.00	63.19 -0.70 0.00	77.78 -0.95 0.00	78.92 -1.22 0.00	86.24 -1.41 0.00	66.89 -0.82 0.00	78.67 -0.30 0.00	49.93 0.23 13.77	45.74 0.20 5.05
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	56.26 0.57 0.00	51.27 0.69 0.00	43.87 0.61 0.00	38.58 0.53 0.00	37.89 0.54 0.00	41.91 0.50 0.00	52.71 0.40 0.00	49.98 0.48 0.00	49.62 0.58 0.00	52.34 0.51 0.00	63.93 0.70 0.00	72.15 0.51 0.00	87.72 0.59 0.00	67.06 0.98 0.00	86.31 1.52 0.00	77.40 2.27 0.00	66.54 2.66 0.00	81.96 3.22 0.00	83.19 3.05 0.00	90.50 2.84 0.00	69.13 1.41 0.00	79.81 0.84 0.00	63.71 0.24 0.00	51.09 0.51 0.00
SWANROAD_115KV_TB1 355699	55.80 0.11 0.00	49.73 -0.85 0.00	41.50 -1.76 0.00	36.31 -1.74 0.00	35.61 -1.73 0.00	39.81 -1.60 0.00	51.04 -1.28 0.00	48.41 -1.09 0.00	49.19 0.15 0.00	53.39 1.56 0.00	65.47 2.23 0.00	76.12 4.48 0.00	93.96 5.87 -0.97	90.44 3.09 -21.27	101.34 3.55 -13.00	80.06 3.34 -1.59	65.03 1.14 0.00	80.02 1.29 0.00	82.44 2.30 0.00	92.49 4.83 0.00	71.63 3.92 0.00	82.17 3.21 0.00	66.81 3.34 0.00	53.25 2.67 0.00
SYNERGY___BIOGAS 323694	58.16 2.47 0.00	51.85 1.27 0.00	43.37 0.11 0.00	37.93 -0.11 0.00	37.21 -0.14 0.00	41.59 0.18 0.00	53.28 0.96 0.00	50.70 1.20 0.00	51.15 2.11 0.00	54.98 3.15 0.00	66.85 3.61 0.00	77.07 5.44 0.00	95.79 7.26 -1.41	101.83 4.66 -31.09	109.51 5.72 -19.00	82.97 5.51 -2.33	67.17 3.29 0.00	83.10 4.37 0.00	86.04 5.90 0.00	96.47 8.82 0.00	74.53 6.82 0.00	85.32 6.35 0.00	68.99 5.53 0.00	55.35 4.78 0.00
SYRACUSE___ENERGY_ST1 323597	55.57 -0.12 0.00	50.27 -0.31 0.00	42.81 -0.44 0.00	37.60 -0.45 0.00	36.91 -0.43 0.00	40.98 -0.43 0.00	52.06 -0.44 -0.18	49.16 -0.34 0.00	48.75 -0.29 0.00	51.59 -0.24 0.00	63.29 0.06 0.00	71.95 0.31 0.00	87.47 0.35 0.00	66.29 0.21 0.00	85.12 0.33 0.00	75.58 0.45 0.00	64.21 0.33 0.00	79.34 0.60 0.00	82.14 1.10 -0.90	96.38 1.90 -6.83	74.36 1.20 -5.45	86.52 0.77 -6.79	67.23 0.30 -3.46	51.06 0.03 -0.46
SYRACUSE___ENERGY_ST2 323598	55.57 -0.12 0.00	50.27 -0.31 0.00	42.81 -0.44 0.00	37.60 -0.45 0.00	36.91 -0.43 0.00	40.98 -0.43 0.00	52.06 -0.44 -0.18	49.16 -0.34 0.00	48.75 -0.29 0.00	51.59 -0.24 0.00	63.29 0.06 0.00	71.95 0.31 0.00	87.47 0.35 0.00	66.29 0.21 0.00	85.12 0.33 0.00	75.58 0.45 0.00	64.21 0.33 0.00	79.34 0.60 0.00	82.14 1.10 -0.90	96.38 1.90 -6.83	74.36 1.20 -5.45	86.52 0.77 -6.79	67.23 0.30 -3.46	51.06 0.03 -0.46
SYRACUSE___POWER 24017	55.50 -0.19 0.00	50.23 -0.35 0.00	42.78 -0.47 0.00	37.58 -0.47 0.00	36.88 -0.46 0.00	40.94 -0.47 0.00	51.95 -0.49 -0.12	49.11 -0.39 0.00	48.77 -0.27 0.00	51.67 -0.16 0.00	63.24 0.00 0.00	71.95 0.32 0.00	87.72 0.60 0.00	66.55 0.46 0.00	85.49 0.71 0.00	76.00 0.87 0.00	64.63 0.75 0.00	79.80 1.07 0.00	82.31 1.57 -0.60	94.47 2.29 -4.53	72.80 1.47 -3.62	84.54 1.06 -4.51	67.37 0.56 -3.35	51.29 0.23 -0.48
TALLMAN_138KV_BK151 55660	56.32 0.63 0.00	51.30 0.72 0.00	43.89 0.63 0.00	38.61 0.56 0.00	37.92 0.58 0.00	41.93 0.53 0.00	52.72 0.40 0.00	50.02 0.51 0.00	49.71 0.66 0.00	52.47 0.64 0.00	64.14 0.90 0.00	72.35 0.71 0.00	87.99 0.87 0.00	67.31 1.23 0.00	86.65 1.87 0.00	77.80 2.67 0.00	66.93 3.05 0.00	82.37 3.63 0.00	83.54 3.41 0.00	90.78 3.13 0.00	69.25 1.54 0.00	79.83 0.86 0.00	63.68 0.22 0.00	51.13 0.56 0.00
TEALLAVE_115KV_TB7 355573	55.18 -0.51 0.00	49.93 -0.65 0.00	42.52 -0.74 0.00	37.35 -0.69 0.00	36.66 -0.68 0.00	40.69 -0.71 0.00	51.63 -0.79 -0.10	48.83 -0.67 0.00	48.53 -0.51 0.00	51.46 -0.37 0.00	63.00 -0.24 0.00	71.71 0.07 0.00	87.44 0.31 0.00	66.31 0.22 0.00	85.15 0.37 0.00	75.72 0.59 0.00	64.35 0.46 0.00	79.40 0.67 0.00	81.75 1.12 -0.50	93.16 1.73 -3.77	71.79 1.07 -3.01	83.34 0.62 -3.75	67.35 0.22 -3.66	51.13 0.00 -0.55
TELGRAPH_34_KV_EAST 80808	56.83 1.14 0.00	50.64 0.06 0.00	42.31 -0.95 0.00	37.01 -1.03 0.00	36.31 -1.04 0.00	40.58 -0.82 0.00	52.01 -0.31 0.00	49.43 -0.07 0.00	50.09 1.05 0.00	54.21 2.38 0.00	66.41 3.18 0.00	77.09 5.45 0.00	95.48 7.14 -1.22	97.16 4.28 -26.79	106.29 5.12 -16.38	81.97 4.83 -2.00	66.46 2.57 0.00	81.91 3.17 0.00	84.54 4.40 0.00	94.79 7.13 0.00	73.26 5.55 0.00	83.95 4.98 0.00	68.03 4.57 0.00	54.12 3.54 0.00
TEMPLE___115KV_TB 2 55572	55.20 -0.49 0.00	49.96 -0.62 0.00	42.54 -0.72 0.00	37.37 -0.67 0.00	36.67 -0.67 0.00	40.71 -0.69 0.00	51.64 -0.78 -0.10	48.85 -0.65 0.00	48.55 -0.49 0.00	51.50 -0.33 0.00	63.05 -0.19 0.00	71.75 0.11 0.00	87.49 0.37 0.00	66.37 0.29 0.00	85.24 0.45 0.00	75.80 0.67 0.00	64.41 0.52 0.00	79.49 0.75 0.00	81.82 1.18 -0.50	93.22 1.80 -3.76	71.83 1.12 -3.00	83.37 0.66 -3.74	67.31 0.27 -3.58	51.14 0.02 -0.54
TIANA___69_KV_BK 1 55817	56.76 1.07 0.00	51.61 1.03 0.00	44.11 0.85 0.00	38.77 0.73 0.00	38.11 0.77 0.00	41.95 0.54 0.00	52.31 -0.01 0.00	49.56 0.06 0.00	49.65 0.61 0.00	53.07 1.24 0.00	66.90 3.67 0.00	74.49 2.85 0.00	88.82 2.34 0.64	68.61 2.53 0.00	93.35 4.22 -4.34	179.56 5.60 -98.83	207.98 5.66 -138.44	200.47 6.32 -115.41	172.27 5.63 -86.51	96.00 4.66 -3.69	70.13 2.50 0.09	80.80 1.83 0.00	63.90 0.43 0.00	52.25 1.67 0.00

TILDEN___115KV_TB1 80814	55.50 -0.19 0.00	50.23 -0.35 0.00	42.78 -0.47 0.00	37.58 -0.47 0.00	36.88 -0.46 0.00	40.94 -0.47 0.00	51.95 -0.49 -0.12	49.11 -0.39 0.00	48.77 -0.27 0.00	51.67 -0.16 0.00	63.24 0.00 0.00	71.95 0.32 0.00	87.72 0.60 0.00	66.55 0.46 0.00	85.49 0.71 0.00	76.00 0.87 0.00	64.63 0.75 0.00	79.80 1.07 0.00	82.31 1.57 -0.60	94.47 2.29 -4.53	72.80 1.47 -3.62	84.54 1.06 -4.51	67.37 0.56 -3.35	51.29 0.23 -0.48
TRIGEN___CC 323695	56.62 0.93 0.00	51.56 0.98 0.00	44.11 0.85 0.00	38.77 0.72 0.00	38.08 0.73 0.00	42.09 0.68 0.00	52.74 0.42 0.00	50.01 0.50 0.00	49.86 0.82 0.00	52.78 0.94 0.00	65.14 1.90 0.00	72.70 1.06 0.00	87.68 0.56 0.00	67.31 1.22 0.00	86.94 2.15 0.00	78.43 3.30 0.00	67.55 3.67 0.00	82.78 4.05 0.00	83.71 3.61 0.04	90.47 2.90 0.09	69.09 1.40 0.02	79.71 0.75 0.00	63.47 0.00 0.00	51.52 0.94 0.00
TRINITY___115KV__4 BK 55933	56.69 1.00 0.00	51.70 1.12 0.00	44.38 1.12 0.00	39.05 1.01 0.00	38.33 0.99 0.00	42.43 1.02 0.00	53.41 1.10 0.00	50.39 0.89 0.00	49.69 0.65 0.00	52.26 0.42 0.00	63.61 0.37 0.00	71.68 0.04 0.00	87.24 0.12 0.00	65.74 -0.34 0.00	84.44 -0.35 0.00	75.38 0.25 0.00	64.24 0.35 0.00	78.96 0.22 0.00	80.44 0.30 0.00	87.68 0.03 0.00	67.42 -0.29 0.00	78.45 -0.52 0.00	62.75 -0.72 0.00	50.12 -0.45 0.00
UNION___PROCESSING_DRP 323587	56.74 1.05 0.00	50.88 0.30 0.00	42.84 -0.42 0.00	37.54 -0.50 0.00	36.82 -0.52 0.00	41.04 -0.37 0.00	52.31 0.00 0.00	49.73 0.23 0.00	50.03 0.99 0.00	53.77 1.93 0.00	66.01 2.77 0.00	76.17 4.53 0.00	95.18 6.00 -2.06	115.48 4.10 -45.29	117.59 5.12 -27.69	83.27 4.76 -3.38	66.96 3.08 0.00	82.48 3.74 0.00	84.88 4.74 0.00	94.34 6.69 0.00	72.67 4.96 0.00	83.66 4.69 0.00	67.31 3.84 0.00	53.25 2.68 0.00
UPPER HUDSON___HYD 24058	58.05 2.36 0.00	52.62 2.04 0.00	45.11 1.86 0.00	39.72 1.68 0.00	39.02 1.67 0.00	43.20 1.80 0.00	54.38 2.06 0.00	51.37 1.87 0.00	50.64 1.60 0.00	53.20 1.36 0.00	64.88 1.65 0.00	73.07 1.43 0.00	89.25 2.13 0.00	68.20 2.12 0.00	87.86 3.07 0.00	78.37 3.24 0.00	67.05 3.17 0.00	83.33 4.60 0.00	85.34 5.21 0.00	93.72 6.06 0.00	71.85 4.14 0.00	83.45 4.48 0.00	66.37 2.90 0.00	52.65 2.08 0.00
UPPER RAQUET___HYD 24056	72.10 1.89 -14.51	51.98 1.41 0.00	44.45 1.20 0.00	39.13 1.08 0.00	38.41 1.07 0.00	42.74 1.33 0.00	54.32 1.98 -0.03	51.43 1.93 0.00	50.79 1.75 0.00	53.65 1.82 0.00	65.36 2.12 0.00	73.90 2.26 0.00	89.59 2.47 0.00	67.39 1.30 0.00	85.20 0.42 0.00	74.30 -0.83 0.00	62.57 -1.31 0.00	77.23 -1.51 0.00	78.91 -1.37 -0.14	87.79 -0.93 -1.06	68.46 -0.10 -0.85	80.83 0.80 -1.06	240.20 2.27 -174.47	116.24 1.75 -63.92
VALLEY44_115KV_TB2 355964	55.73 0.04 0.00	49.93 -0.65 0.00	41.87 -1.38 0.00	36.75 -1.30 0.00	36.09 -1.26 0.00	40.27 -1.14 0.00	51.46 -0.86 0.00	49.08 -0.42 0.00	49.65 0.60 0.00	53.48 1.65 0.00	65.36 2.12 0.00	75.29 3.65 0.00	92.27 4.47 -0.68	83.73 2.79 -14.85	97.18 3.31 -9.08	79.36 3.12 -1.11	65.78 1.90 0.00	81.03 2.29 0.00	83.53 3.40 0.00	93.58 5.92 0.00	71.75 4.04 0.00	82.15 3.18 0.00	66.41 2.94 0.00	52.45 1.87 0.00
VALLEY___115KV_TB 1-4 80826	56.88 1.19 0.00	51.79 1.21 0.00	44.33 1.08 0.00	38.99 0.95 0.00	38.32 0.98 0.00	42.48 1.08 0.00	53.51 1.20 0.00	50.30 0.80 0.00	49.18 0.14 0.00	51.63 -0.20 0.00	62.74 -0.50 0.00	71.07 -0.57 0.00	86.63 -0.49 0.00	65.92 -0.16 0.00	84.83 0.04 0.00	75.73 0.60 0.00	64.85 0.97 0.00	80.44 1.71 0.00	82.58 2.44 0.00	90.89 3.23 0.00	69.95 2.24 0.00	81.18 2.21 0.00	64.71 1.25 0.00	51.30 0.73 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	57.00 1.31 0.00	52.12 1.54 0.00	44.51 1.25 0.00	39.07 1.03 0.00	38.40 1.05 0.00	42.57 1.17 0.00	53.84 1.49 -0.04	50.79 1.29 0.00	50.32 1.28 0.00	53.29 1.46 0.00	65.14 1.90 0.00	73.90 2.26 0.00	89.85 2.73 0.00	68.31 2.23 0.00	87.73 2.95 0.00	78.14 3.01 0.00	66.81 2.93 0.00	82.45 3.72 0.00	84.29 3.98 -0.17	93.45 4.48 -1.31	71.77 3.02 -1.05	83.20 2.93 -1.31	65.67 2.05 -0.15	52.04 1.47 0.00
VISCHER___FERRY HYD 24020	57.14 1.45 0.00	52.06 1.48 0.00	44.68 1.43 0.00	39.31 1.27 0.00	38.58 1.24 0.00	42.72 1.31 0.00	53.77 1.46 0.00	50.71 1.21 0.00	49.98 0.94 0.00	52.45 0.62 0.00	63.81 0.57 0.00	72.01 0.37 0.00	87.81 0.69 0.00	66.80 0.71 0.00	85.89 1.10 0.00	76.67 1.54 0.00	65.41 1.53 0.00	80.94 2.21 0.00	82.57 2.43 0.00	90.13 2.48 0.00	69.34 1.62 0.00	80.75 1.78 0.00	64.53 1.07 0.00	51.44 0.87 0.00
V_A_10_SYNC_DSASP 323832	56.13 0.44 0.00	50.21 -0.37 0.00	42.09 -1.16 0.00	36.87 -1.18 0.00	36.16 -1.18 0.00	40.36 -1.05 0.00	51.57 -0.75 0.00	49.05 -0.45 0.00	49.64 0.60 0.00	53.62 1.79 0.00	65.77 2.53 0.00	76.25 4.61 0.00	93.80 5.93 -0.75	86.17 3.59 -16.50	99.13 4.25 -10.08	80.27 3.91 -1.23	65.64 1.76 0.00	80.48 1.74 0.00	82.83 2.69 0.00	92.58 4.93 0.00	71.66 3.95 0.00	82.58 3.61 0.00	66.87 3.40 0.00	53.03 2.45 0.00
V_CMM_10_SYNC_DSASP 323787	54.55 0.81 1.96	51.16 0.58 0.00	43.81 0.55 0.00	38.57 0.52 0.00	37.82 0.48 0.00	41.97 0.56 0.00	53.17 0.85 0.00	50.38 0.89 0.00	49.93 0.89 0.00	52.84 1.00 0.00	64.37 1.14 0.00	72.85 1.21 0.00	88.31 1.19 0.00	66.67 0.59 0.00	85.24 0.45 0.00	74.98 -0.14 0.00	63.39 -0.49 0.00	78.03 -0.71 0.00	79.18 -0.96 0.00	86.55 -1.10 0.00	66.91 -0.80 0.00	78.98 0.01 0.00	46.70 0.48 17.24	43.34 0.31 7.54
V_CMP_10_SYNC_DSASP 323788	57.63 0.90 -1.03	51.48 0.90 0.00	43.90 0.64 0.00	38.67 0.62 0.00	37.92 0.58 0.00	41.98 0.58 0.00	53.04 0.72 0.00	50.45 0.95 0.00	49.88 0.84 0.00	52.87 1.03 0.00	64.42 1.18 0.00	73.06 1.42 0.00	88.96 1.84 0.00	66.96 0.88 0.00	85.98 1.19 0.00	75.27 0.14 0.00	64.01 0.13 0.00	78.89 0.16 0.00	80.16 0.02 0.00	87.71 0.05 0.00	68.11 0.40 0.00	79.81 0.85 0.00	48.27 0.73 15.92	50.65 0.40 0.33
V_D_10_SYNC_DSASP 323841	78.24 1.41 -21.15	51.67 1.08 0.00	44.20 0.95 0.00	38.92 0.88 0.00	38.17 0.83 0.00	42.39 0.98 0.00	53.71 1.39 0.00	50.90 1.40 0.00	50.40 1.36 0.00	53.32 1.49 0.00	64.97 1.73 0.00	73.51 1.87 0.00	89.02 1.90 0.00	67.10 1.02 0.00	85.37 0.58 0.00	75.10 -0.03 0.00	63.45 -0.43 0.00	78.15 -0.59 0.00	79.38 -0.76 0.00	86.90 -0.76 0.00	67.51 -0.20 0.00	79.42 0.45 0.00	147.64 1.38 -82.80	115.36 1.08 -63.70
V_E_10_SYNC_DSASP 323830	58.31 2.62 0.00	53.09 2.51 0.00	45.27 2.02 0.00	39.81 1.77 0.00	39.20 1.85 0.00	43.63 2.23 0.00	55.71 3.32 -0.08	52.68 3.18 0.00	52.04 3.00 0.00	55.08 3.24 0.00	67.22 3.98 0.00	76.55 4.91 0.00	93.06 5.94 0.00	70.78 4.70 0.00	90.90 6.11 0.00	81.07 5.95 0.00	69.36 5.47 0.00	86.38 7.64 0.00	89.46 8.95 -0.37	101.64 11.16 -2.83	77.72 7.75 -2.26	89.33 7.55 -2.81	68.93 5.13 -0.33	53.42 2.84 0.00

V_F_30_NSYNC___DSASP 323816	57.93 2.24 0.00	52.66 2.08 0.00	45.14 1.88 0.00	39.70 1.65 0.00	38.99 1.65 0.00	43.19 1.79 0.00	54.43 2.12 0.00	51.38 1.88 0.00	50.63 1.59 0.00	53.21 1.37 0.00	64.79 1.56 0.00	73.17 1.54 0.00	89.27 2.15 0.00	68.02 1.94 0.00	87.55 2.76 0.00	78.11 2.98 0.00	66.77 2.89 0.00	82.81 4.08 0.00	84.69 4.55 0.00	92.73 5.08 0.00	71.22 3.51 0.00	82.72 3.75 0.00	66.02 2.56 0.00	52.49 1.91 0.00
V_F_30_SYNC_DSASP 323786	56.97 1.28 0.00	51.94 1.36 0.00	44.55 1.30 0.00	39.22 1.17 0.00	38.50 1.16 0.00	42.63 1.22 0.00	53.66 1.34 0.00	50.65 1.15 0.00	49.96 0.92 0.00	52.58 0.74 0.00	64.04 0.80 0.00	72.23 0.59 0.00	87.90 0.78 0.00	66.26 0.18 0.00	85.18 0.39 0.00	76.04 0.91 0.00	64.81 0.93 0.00	79.65 0.92 0.00	81.17 1.04 0.00	88.48 0.82 0.00	68.01 0.29 0.00	79.08 0.10 0.00	63.20 -0.26 0.00	50.46 -0.11 0.00
V_XM_10_SYNC_DSASP 323789	57.63 0.90 -1.03	51.48 0.90 0.00	43.90 0.64 0.00	38.67 0.62 0.00	37.92 0.58 0.00	41.98 0.58 0.00	53.04 0.72 0.00	50.45 0.95 0.00	49.88 0.84 0.00	52.87 1.03 0.00	64.42 1.18 0.00	73.06 1.42 0.00	88.96 1.84 0.00	66.96 0.88 0.00	85.98 1.19 0.00	75.27 0.14 0.00	64.01 0.13 0.00	78.89 0.16 0.00	80.16 0.02 0.00	87.71 0.05 0.00	68.11 0.40 0.00	79.81 0.85 0.00	48.27 0.73 15.92	50.65 0.40 0.33
W.BABYLN_69_KV_BK1 56697	57.33 1.64 0.00	52.13 1.55 0.00	44.55 1.29 0.00	39.15 1.10 0.00	38.45 1.11 0.00	42.44 1.04 0.00	53.05 0.73 0.00	50.30 0.79 0.00	50.22 1.18 0.00	53.38 1.55 0.00	66.47 3.23 0.00	73.91 2.27 0.00	88.16 1.41 0.37	67.80 1.71 0.00	88.48 3.17 -0.52	91.53 4.56 -11.84	85.67 4.89 -16.90	97.69 5.45 -13.50	94.76 4.87 -9.76	91.27 4.10 0.48	69.88 2.27 0.10	80.70 1.73 0.00	64.10 0.64 0.00	52.28 1.71 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	56.71 1.02 0.00	51.64 1.06 0.00	44.17 0.92 0.00	38.84 0.79 0.00	38.15 0.81 0.00	42.20 0.79 0.00	53.07 0.76 0.00	50.37 0.87 0.00	50.08 1.04 0.00	52.87 1.04 0.00	64.64 1.40 0.00	72.96 1.32 0.00	88.76 1.63 0.00	67.93 1.85 0.00	87.47 2.68 0.00	78.56 3.43 0.00	67.58 3.70 0.00	83.18 4.44 0.00	84.35 4.21 0.00	91.64 3.99 0.00	69.89 2.17 0.00	80.54 1.57 0.00	64.20 0.73 0.00	51.53 0.95 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	56.67 0.97 0.00	51.70 1.12 0.00	44.25 0.99 0.00	38.91 0.86 0.00	38.22 0.88 0.00	42.29 0.89 0.00	53.12 0.80 0.00	50.56 1.06 0.00	50.33 1.29 0.00	53.08 1.25 0.00	64.77 1.53 0.00	72.89 1.26 0.00	88.58 1.46 0.00	67.87 1.78 0.00	87.34 2.55 0.00	78.49 3.36 0.00	67.61 3.72 0.00	83.09 4.35 0.00	84.07 3.93 0.00	91.16 3.50 0.00	69.50 1.79 0.00	80.06 1.10 0.00	63.81 0.34 0.00	51.37 0.79 0.00
W50THST__13_KV_LOAD 356117	57.04 1.35 0.00	52.05 1.47 0.00	44.52 1.27 0.00	39.14 1.09 0.00	38.45 1.11 0.00	42.58 1.18 0.00	53.52 1.20 0.00	50.98 1.48 0.00	50.81 1.77 0.00	53.61 1.77 0.00	65.37 2.14 0.00	73.57 1.93 0.00	89.42 2.29 0.00	68.53 2.44 0.00	88.15 3.36 0.00	79.25 4.13 0.00	68.28 4.39 0.00	83.90 5.17 0.00	84.79 4.65 0.00	91.86 4.20 0.00	70.00 2.29 0.00	80.56 1.59 0.00	64.19 0.73 0.00	51.67 1.09 0.00
WADING RIVER_IC_1 23522	55.92 0.23 0.00	50.86 0.28 0.00	43.54 0.28 0.00	38.29 0.24 0.00	37.65 0.31 0.00	41.38 -0.03 0.00	51.58 -0.73 0.00	48.84 -0.66 0.00	48.83 -0.21 0.00	52.12 0.28 0.00	65.67 2.43 0.00	73.01 1.37 0.00	86.87 0.38 0.63	67.12 1.03 0.00	91.46 2.35 -4.32	177.53 3.88 -98.52	206.46 4.30 -138.28	198.79 4.68 -115.38	170.38 4.06 -86.18	94.36 3.03 -3.67	68.96 1.34 0.09	79.59 0.62 0.00	63.04 -0.42 0.00	51.61 1.04 0.00
WADING RIVER_IC_2 23547	55.92 0.23 0.00	50.86 0.28 0.00	43.54 0.28 0.00	38.29 0.24 0.00	37.65 0.31 0.00	41.38 -0.03 0.00	51.58 -0.73 0.00	48.84 -0.66 0.00	48.83 -0.21 0.00	52.12 0.28 0.00	65.67 2.43 0.00	73.01 1.37 0.00	86.87 0.38 0.63	67.12 1.03 0.00	91.46 2.35 -4.32	177.53 3.88 -98.52	206.46 4.30 -138.28	198.79 4.68 -115.38	170.38 4.06 -86.18	94.36 3.03 -3.67	68.96 1.34 0.09	79.59 0.62 0.00	63.04 -0.42 0.00	51.61 1.04 0.00
WADING RIVER_IC_3 23601	55.92 0.23 0.00	50.86 0.28 0.00	43.54 0.28 0.00	38.29 0.24 0.00	37.65 0.31 0.00	41.38 -0.03 0.00	51.58 -0.73 0.00	48.84 -0.66 0.00	48.83 -0.21 0.00	52.12 0.28 0.00	65.67 2.43 0.00	73.01 1.37 0.00	86.87 0.38 0.63	67.12 1.03 0.00	91.46 2.35 -4.32	177.53 3.88 -98.52	206.46 4.30 -138.28	198.79 4.68 -115.38	170.38 4.06 -86.18	94.36 3.03 -3.67	68.96 1.34 0.09	79.59 0.62 0.00	63.04 -0.42 0.00	51.61 1.04 0.00
WALDENNY_12_KV_BK2 80841	56.93 1.24 0.00	50.72 0.14 0.00	42.33 -0.93 0.00	37.05 -1.00 0.00	36.36 -0.98 0.00	40.60 -0.81 0.00	52.08 -0.24 0.00	49.59 0.09 0.00	50.39 1.35 0.00	54.68 2.85 0.00	67.25 4.01 0.00	78.19 6.55 0.00	96.33 8.41 -0.80	89.01 5.37 -17.56	102.13 6.62 -10.73	82.49 6.04 -1.31	67.61 3.73 0.00	83.21 4.48 0.00	85.72 5.58 0.00	96.08 8.42 0.00	74.04 6.33 0.00	84.68 5.71 0.00	68.59 5.12 0.00	54.29 3.71 0.00
WALDEN__HYDRO 24148	56.61 0.92 0.00	51.57 0.99 0.00	44.11 0.85 0.00	38.79 0.75 0.00	38.09 0.75 0.00	42.14 0.73 0.00	53.02 0.70 0.00	50.29 0.79 0.00	49.88 0.84 0.00	52.57 0.74 0.00	64.17 0.93 0.00	72.31 0.67 0.00	87.96 0.84 0.00	67.27 1.19 0.00	86.60 1.81 0.00	77.70 2.56 0.00	66.86 2.98 0.00	82.37 3.63 0.00	83.65 3.51 0.00	90.97 3.31 0.00	69.51 1.80 0.00	80.19 1.22 0.00	63.96 0.50 0.00	51.29 0.72 0.00
WARRENSBURG____ 23737	58.05 2.36 0.00	52.62 2.04 0.00	45.11 1.86 0.00	39.73 1.68 0.00	39.01 1.67 0.00	43.20 1.80 0.00	54.38 2.06 0.00	51.37 1.87 0.00	50.64 1.60 0.00	53.20 1.36 0.00	64.88 1.65 0.00	73.07 1.43 0.00	89.25 2.13 0.00	68.20 2.12 0.00	87.86 3.07 0.00	78.36 3.24 0.00	67.05 3.17 0.00	83.33 4.60 0.00	85.34 5.20 0.00	93.72 6.06 0.00	71.85 4.14 0.00	83.46 4.49 0.00	66.37 2.90 0.00	52.65 2.07 0.00
WATERSIDE____6 8 9 23538	56.49 0.80 0.00	51.58 1.00 0.00	44.14 0.88 0.00	38.79 0.75 0.00	38.12 0.77 0.00	42.16 0.75 0.00	52.93 0.61 0.00	50.47 0.97 0.00	50.21 1.17 0.00	52.89 1.06 0.00	64.26 1.02 0.00	72.27 0.63 0.00	87.89 0.77 0.00	67.43 1.35 0.00	86.68 1.89 0.00	77.95 2.82 0.00	67.23 3.35 0.00	82.55 3.81 0.00	83.41 3.28 0.00	90.55 2.89 0.00	68.94 1.23 0.00	79.40 0.43 0.00	63.27 -0.19 0.00	51.10 0.52 0.00
WATKINRD_115KV_LN8_ILLION 55919	56.41 0.72 0.00	51.35 0.77 0.00	43.96 0.70 0.00	38.66 0.61 0.00	37.98 0.64 0.00	42.10 0.70 0.00	53.07 0.75 0.00	49.97 0.47 0.00	49.03 -0.01 0.00	51.55 -0.28 0.00	62.71 -0.52 0.00	71.02 -0.62 0.00	86.53 -0.60 0.00	65.81 -0.27 0.00	84.62 -0.17 0.00	75.43 0.30 0.00	64.49 0.61 0.00	79.84 1.10 0.00	81.78 1.64 0.00	89.85 2.19 0.00	69.19 1.49 0.00	80.38 1.41 0.00	64.19 0.72 0.00	50.98 0.40 0.00

WDELAWARE___HYD 323627	55.89 0.19 0.00	50.84 0.26 0.00	43.43 0.18 0.00	38.19 0.14 0.00	37.50 0.15 0.00	41.49 0.09 0.00	52.24 -0.07 0.00	49.53 0.03 0.00	49.12 0.08 0.00	51.81 -0.02 0.00	63.23 -0.01 0.00	71.30 -0.34 0.00	86.72 -0.40 0.00	66.00 -0.08 0.00	83.11 -1.68 0.00	74.61 -0.52 0.00	64.38 0.50 0.00	79.57 0.83 0.00	81.01 0.87 0.00	88.48 0.82 0.00	69.23 1.52 0.00	79.86 0.89 0.00	63.61 0.14 0.00	50.82 0.25 0.00
WEST BABYLON___IC 23714	57.33 1.64 0.00	52.13 1.55 0.00	44.55 1.29 0.00	39.15 1.10 0.00	38.45 1.11 0.00	42.44 1.04 0.00	53.05 0.73 0.00	50.30 0.79 0.00	50.22 1.18 0.00	53.38 1.55 0.00	66.47 3.23 0.00	73.91 2.27 0.00	88.16 1.41 0.37	67.80 1.71 0.00	88.48 3.17 -0.52	91.53 4.56 -11.84	85.67 4.89 -16.90	97.69 5.45 -13.50	94.76 4.87 -9.76	91.27 4.10 0.48	69.88 2.27 0.10	80.70 1.73 0.00	64.10 0.64 0.00	52.28 1.71 0.00
WEST CANADA___HYD 24049	55.64 -0.05 0.00	50.58 0.00 0.00	43.27 0.02 0.00	38.08 0.03 0.00	37.38 0.04 0.00	41.45 0.04 0.00	52.33 0.01 0.00	49.47 -0.03 0.00	48.94 -0.10 0.00	51.69 -0.15 0.00	63.01 -0.23 0.00	71.34 -0.30 0.00	86.81 -0.31 0.00	65.95 -0.13 0.00	84.63 -0.15 0.00	75.18 0.05 0.00	64.06 0.17 0.00	78.98 0.24 0.00	80.48 0.34 0.00	88.07 0.41 0.00	67.91 0.20 0.00	79.05 0.09 0.00	63.40 -0.06 0.00	50.52 -0.05 0.00
WESTERN_NY_WIND 24143	58.07 2.38 0.00	51.77 1.19 0.00	43.29 0.03 0.00	37.88 -0.17 0.00	37.16 -0.19 0.00	41.53 0.13 0.00	53.20 0.88 0.00	50.61 1.11 0.00	51.09 2.05 0.00	54.94 3.11 0.00	66.86 3.62 0.00	77.15 5.51 0.00	95.82 7.34 -1.35	100.54 4.71 -29.74	108.74 5.77 -18.18	82.90 5.55 -2.22	67.17 3.29 0.00	83.10 4.37 0.00	86.02 5.88 0.00	96.51 8.85 0.00	74.55 6.84 0.00	85.36 6.39 0.00	69.02 5.55 0.00	55.30 4.72 0.00
WESTOVER___LESR 323668	55.70 0.01 0.00	50.52 -0.06 0.00	42.94 -0.31 0.00	37.76 -0.28 0.00	37.10 -0.24 0.00	41.15 -0.26 0.00	52.19 -0.20 -0.07	49.40 -0.09 0.00	49.12 0.09 0.00	52.15 0.32 0.00	63.68 0.45 0.00	72.59 0.95 0.00	88.37 1.25 0.00	66.98 0.90 0.00	86.07 1.28 0.00	76.52 1.39 0.00	65.19 1.31 0.00	80.31 1.58 0.00	82.59 2.09 -0.36	93.50 3.14 -2.70	71.76 1.89 -2.16	83.06 1.41 -2.69	64.83 1.05 -0.32	51.13 0.56 0.00
WETHRSFD_WT_PWR 323626	55.54 -0.15 0.00	49.56 -1.02 0.00	41.52 -1.74 0.00	36.37 -1.68 0.00	35.74 -1.60 0.00	39.87 -1.53 0.00	51.11 -1.21 0.00	48.60 -0.90 0.00	49.07 0.03 0.00	53.00 1.17 0.00	65.02 1.79 0.00	75.25 3.61 0.00	92.44 4.67 -0.66	83.29 2.75 -14.46	96.93 3.31 -8.84	79.36 3.15 -1.08	65.55 1.67 0.00	80.70 1.97 0.00	83.44 3.30 0.00	93.88 6.23 0.00	72.40 4.68 0.00	82.76 3.79 0.00	66.97 3.51 0.00	52.93 2.36 0.00
WHAVSTOR_138KV_BK127 55557	56.21 0.52 0.00	51.22 0.63 0.00	43.83 0.57 0.00	38.56 0.51 0.00	37.88 0.54 0.00	41.88 0.48 0.00	52.63 0.32 0.00	49.95 0.44 0.00	49.63 0.59 0.00	52.36 0.52 0.00	63.97 0.73 0.00	72.12 0.48 0.00	87.67 0.54 0.00	67.08 1.00 0.00	86.35 1.57 0.00	77.52 2.39 0.00	66.69 2.81 0.00	82.06 3.33 0.00	83.22 3.09 0.00	90.44 2.78 0.00	69.01 1.30 0.00	79.59 0.62 0.00	63.49 0.03 0.00	51.01 0.43 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	56.21 0.52 0.00	51.22 0.63 0.00	43.83 0.57 0.00	38.56 0.51 0.00	37.88 0.54 0.00	41.88 0.48 0.00	52.63 0.32 0.00	49.95 0.44 0.00	49.63 0.59 0.00	52.36 0.52 0.00	63.97 0.73 0.00	72.12 0.48 0.00	87.67 0.54 0.00	67.08 1.00 0.00	86.35 1.57 0.00	77.52 2.39 0.00	66.69 2.81 0.00	82.06 3.33 0.00	83.22 3.09 0.00	90.44 2.78 0.00	69.01 1.30 0.00	79.59 0.62 0.00	63.49 0.03 0.00	51.01 0.43 0.00
WHITEHAL_115KV_TB1 80871	59.60 3.91 0.00	53.72 3.14 0.00	45.80 2.54 0.00	40.58 2.54 0.00	39.97 2.63 0.00	44.13 2.72 0.00	55.52 3.20 0.00	52.48 2.98 0.00	51.57 2.53 0.00	54.15 2.32 0.00	66.13 2.89 0.00	75.00 3.36 0.00	92.42 5.30 0.00	70.92 4.84 0.00	91.71 6.92 0.00	81.37 6.24 0.00	69.54 5.66 0.00	86.57 7.84 0.00	88.67 8.53 0.00	96.27 8.61 0.00	73.08 5.37 0.00	85.10 6.13 0.00	67.58 4.11 0.00	53.67 3.10 0.00
WHITEPLN_13_KV_LOAD 356215	57.18 1.49 0.00	52.11 1.53 0.00	44.55 1.30 0.00	39.17 1.13 0.00	38.47 1.13 0.00	42.58 1.18 0.00	53.55 1.23 0.00	50.89 1.39 0.00	50.62 1.58 0.00	53.45 1.62 0.00	65.38 2.14 0.00	73.71 2.07 0.00	89.62 2.50 0.00	68.63 2.55 0.00	88.41 3.62 0.00	79.45 4.32 0.00	68.40 4.52 0.00	84.15 5.41 0.00	85.24 5.10 0.00	92.48 4.82 0.00	70.48 2.77 0.00	81.19 2.23 0.00	64.66 1.19 0.00	51.92 1.34 0.00
WM_FLOYD_69_KV_BK2 356380	56.45 0.76 0.00	51.35 0.77 0.00	43.91 0.65 0.00	38.61 0.56 0.00	37.95 0.61 0.00	41.78 0.37 0.00	52.09 -0.22 0.00	49.34 -0.16 0.00	49.30 0.26 0.00	52.60 0.77 0.00	66.23 3.00 0.00	73.61 1.97 0.00	87.54 1.10 0.68	67.68 1.60 0.00	92.29 3.09 -4.41	180.14 4.51 -100.50	208.25 4.83 -139.54	199.98 5.35 -115.89	173.28 4.87 -88.26	95.47 4.05 -3.77	69.67 2.05 0.09	80.33 1.36 0.00	63.69 0.22 0.00	52.10 1.53 0.00
WOODARD___115KV_TB2 355635	55.10 -0.59 0.00	49.89 -0.69 0.00	42.49 -0.77 0.00	37.33 -0.72 0.00	36.64 -0.71 0.00	40.67 -0.73 0.00	51.61 -0.84 -0.14	48.77 -0.73 0.00	48.46 -0.59 0.00	51.35 -0.48 0.00	62.96 -0.28 0.00	71.64 0.00 0.00	87.26 0.14 0.00	66.11 0.03 0.00	84.90 0.11 0.00	75.45 0.32 0.00	64.14 0.26 0.00	79.14 0.41 0.00	81.64 0.84 -0.66	94.05 1.40 -4.99	72.52 0.83 -3.98	84.32 0.39 -4.96	67.17 0.06 -3.65	50.96 -0.14 -0.53
WOODMERE_69_KV_BK1 55827	57.44 1.75 0.00	52.26 1.68 0.00	44.64 1.39 0.00	39.22 1.18 0.00	38.52 1.18 0.00	42.58 1.18 0.00	53.38 1.07 0.00	50.62 1.12 0.00	50.53 1.49 0.00	53.54 1.71 0.00	66.12 2.89 0.00	73.96 2.33 0.00	89.27 2.15 0.00	68.58 2.49 0.00	88.54 3.75 0.00	79.89 4.56 -0.20	68.68 4.79 0.00	84.24 5.50 0.00	85.69 5.05 -0.50	93.54 4.40 -1.49	70.29 2.46 -0.12	80.91 1.94 0.00	64.39 0.93 0.00	52.31 1.73 0.00
YORK___WARBASSE 23770	56.49 0.80 0.00	51.58 1.00 0.00	44.27 1.01 0.00	38.91 0.86 0.00	38.22 0.88 0.00	42.28 0.87 0.00	52.95 0.64 0.00	50.50 1.00 0.00	50.28 1.24 0.00	52.92 1.09 0.00	64.33 1.09 0.00	72.41 0.77 0.00	88.08 0.95 0.00	67.56 1.48 0.00	86.86 2.07 0.00	78.19 3.06 0.00	67.44 3.55 0.00	82.78 4.05 0.00	83.79 3.65 0.00	91.08 3.42 0.00	69.26 1.55 0.00	79.78 0.81 0.00	63.62 0.15 0.00	51.43 0.85 0.00